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15 WESTERN DIVISION

16 UNITED STATES OF AMERICA and
PEOPLE OF THE STATE OF
17 CALIFORNIA *ex rel.* CALIFORNIA
REGIONAL WATER QUALITY
CONTROL BOARD, LOS ANGELES
18 REGION,

Plaintiffs,

19 v.

20 CITY OF LOS ANGELES,

21 Defendant.

22 SANTA MONICA BAYKEEPER, a
23 non-profit corporation;

24 Plaintiff,

25 v.

26 THE CITY OF LOS ANGELES,

27 Defendant.
28

Civil Action No. 01-191-RSWL

Civil Action No. 98-9039-RSWL

CONSOLIDATED

SETTLEMENT AGREEMENT
AND FINAL ORDER

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1 WHEREAS:

2 Plaintiffs Santa Monica Baykeeper ("Baykeeper") and Terry Tamminen
3 filed a complaint against Defendant City of Los Angeles (the "City") in Civil
4 Action 98-9039 on November 9, 1998 pursuant to Clean Water Act Section
5 505(a)(1), 33 U.S.C. § 1365(a)(1). The Baykeeper complaint alleged that the
6 City's discharges of untreated sanitary sewage from the City's sewer collection
7 system and the City's monitoring practices violated the terms and conditions of
8 National Pollution Discharge Elimination System ("NPDES") Permit Number
9 CA010991 regarding the Hyperion Treatment Plant (the "Hyperion Permit"). The
10 Baykeeper complaint also alleged that by allowing sewage to enter the City's
11 storm sewer system, the City violated the City's storm water permit, NPDES
12 Permit Number CAS614001. Terry Tamminen was voluntarily dismissed as a
13 plaintiff pursuant to the Court's Order dated January 23, 2004 and docketed
14 January 26, 2004.

15 Plaintiff United States of America ("United States"), on behalf of the United
16 States Environmental Protection Agency ("EPA"), and Plaintiff People of the State
17 of California ex rel. California Regional Water Quality Control Board, Los
18 Angeles Region ("Regional Board") filed a complaint against the City in Civil
19 Action 01-191 on January 8, 2001. The United States brought its action under
20 Section 309 of the Clean Water Act, 33 U.S.C. § 1319, and the State of California
21 brought its action under California Water Code Sections 13376, 13385, and
22 13386. The United States and the Regional Board alleged that the City, by
23 discharging untreated sanitary sewage from manholes, sewer lines, and other parts
24 of the City's sewer collection system, violated Clean Water Act Section 301(a), 33
25 U.S.C. § 1311(a), California Water Code Section 13376, and the terms and
26 conditions of the Hyperion Permit and NPDES Permit Number CA0053856
27 regarding the Terminal Island Treatment Plant (the "Terminal Island Permit"). In
28 addition, the United States' and the Regional Board's Complaint alleged that by

1 creating odor nuisances the City violated the terms and conditions of the Hyperion
2 Permit.

3 The two actions were consolidated pursuant to an Order of the Court dated
4 February 6, 2001.

5 On July 5, 2001, Plaintiffs in Intervention Baldwin Hills Estates
6 Homeowners' Association, Inc., Baldwin Hills Village Garden Homes
7 Association, United Homeowners Association, Village Green Owners Association,
8 and Concerned Citizens of South Central Los Angeles (collectively the
9 "Intervenors") filed a complaint in intervention against the City in Civil Action
10 01-191 alleging that the City's sewage spills violated Clean Water Act Section
11 301(a), 33 U.S.C. § 1311(a), and the terms and conditions of the Hyperion Permit
12 and the Terminal Island Permit. In addition, the Intervenors alleged that by
13 creating odor nuisances the City violated the terms and conditions of the Hyperion
14 Permit.

15 Pursuant to the Regional Board's September 30, 1998 Civil Liability
16 Complaint regarding spills that occurred in 1993, 1994, 1995, and 1998, the
17 Regional Board administratively assessed an \$850,000 civil penalty. Of the total,
18 \$200,000 was paid to the State Water Resources Control Board's Cleanup and
19 Abatement Account, and \$650,000 was expended on supplemental environmental
20 projects.

21 Pursuant to the Regional Board's September 14, 1998 Cease and Desist
22 Order ("CDO"), the City prepared a dewatering feasibility study for the Eagle
23 Rock area; revised the City's spill response and reporting procedures; constructed
24 the Eastern Avenue Relief Sewer and the North Hollywood Interceptor Sewer; and
25 is constructing the East Central Interceptor Sewer, the Northeast Interceptor
26 Sewer, and three relief sewers in the Eagle Rock area.

1 The City does not admit any liability to Plaintiffs for the transactions or
2 occurrences alleged in the Complaints and contends that it is operating and
3 maintaining its sewage collection system in compliance with all applicable laws.

4 The Parties desire to avoid further litigation and to work cooperatively on
5 issues relating to the City's wastewater collection system.

6 The Parties recognize, and the Court by entering this Settlement Agreement
7 and Final Order ("Settlement Agreement") finds, that this Settlement Agreement
8 has been negotiated by the Parties in good faith and will avoid further litigation
9 between the Parties, and that this Settlement Agreement is fair, reasonable, and in
10 the public interest.

11 NOW, THEREFORE, IT IS HEREBY ADJUDGED, ORDERED, AND
12 DECREED as follows:

13 I. JURISDICTION AND VENUE

14 1. This Court has jurisdiction over the subject matter of these actions
15 pursuant to 28 U.S.C. §§ 1331, 1345, 1355, and 1367, and Sections 309(b) and
16 505(a) of the Clean Water Act, 33 U.S.C. §§ 1319(b) and 1365(a), and the Court
17 has jurisdiction over the Parties. Venue lies in this District pursuant to Sections
18 309(b) and 505(c) of the Clean Water Act, 33 U.S.C. §§ 1319(b) and 1365(c), and
19 28 U.S.C. §§ 1391(b) and 1395(b) because this is the District in which the City is
20 located.

21 2. Notice of the commencement of the United States' action was provided
22 to the Regional Board pursuant to Section 309(b) of the Clean Water Act, 33
23 U.S.C. §§ 1319(b). Baykeeper provided notice to the City, EPA, and the Regional
24 Board pursuant to Clean Water Act Section 505(b), 33 U.S.C. § 1365(b).

25 II. APPLICABILITY

26 3. The provisions of this Settlement Agreement shall apply to and be
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1 binding upon the United States, the Regional Board, Baykeeper, the Intervenor,
2 and the City, and any successors or other entities or persons otherwise bound by
3 law.

4 4. The City shall provide a copy of this Settlement Agreement to the
5 Members and Executive Officer of the Board of Public Works, the Chief
6 Legislative Analyst, the City Administrative Officer, the City Clerk, the Director
7 and Assistant Directors of the Bureau of Sanitation, the Wastewater Treatment
8 Plant Managers, the Wastewater Program Division Managers, the Bureau of
9 Sanitation Financial Management Division Manager, the City Engineer, the Chief
10 Deputy City Engineer, the Wastewater Program Deputy Engineers, the Wastewater
11 Program Group Managers, the Director and Assistant Director of the Bureau of
12 Contract Administration, the Managers of the Wastewater Construction Division,
13 the Metropolitan Construction Division, the Valley Construction Division, and
14 any other managers whose responsibilities include the management of the
15 implementation of material components of the work required to be performed
16 under this Settlement Agreement. The City shall make copies of the Settlement
17 Agreement available to any contractor retained to perform work required under
18 this Settlement Agreement.

19 5. In any action to enforce this Settlement Agreement, the City shall not
20 raise as a defense the failure by any of its officers, directors, employees, agents, or
21 contractors to take any actions necessary to comply with the provisions of this
22 Settlement Agreement.

23 6. The City shall provide a copy of this Settlement Agreement to any
24 successor in interest at least thirty (30) days prior to transfer of that interest, and
25 simultaneously shall verify in writing to EPA and the Regional Board that such
26 notice has been given. Absent agreement of the Parties or order of the Court, any
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1 sale or transfer of the City's interests in, or operating role with respect to, the
2 City's "treatment works" or "POTW," as those terms are defined in 33 U.S.C.
3 § 1292(2)(A) and 40 C.F.R. § 403.3(o) (2004), shall not in any manner relieve the
4 City of its responsibilities for meeting the terms and conditions of this Settlement
5 Agreement.

6 III. OBJECTIVES

7 7. The objectives of this Settlement Agreement are to resolve the pending
8 consolidated litigation, to set out the program requirements that the City will
9 implement to reduce Sanitary Sewer Overflows to the maximum extent feasible,
10 and to investigate, resolve, and mitigate sewer odors to the maximum extent
11 practicable in furtherance of the objectives of the Clean Water Act as set forth in
12 Section 101 of the Act, 33 U.S.C. § 1251, and the objectives of the Porter-Cologne
13 Water Quality Control Act as set forth at California Water Code Sections 13000,
14 13001, 13370, and 13372.

15 IV. DEFINITIONS

16 8. Unless otherwise defined herein, terms used in this Settlement
17 Agreement shall have the meaning given to those terms in the Clean Water Act, 33
18 U.S.C. §§ 1251 *et seq.*, and the regulations promulgated thereunder. Whenever
19 terms set forth below are used in this Settlement Agreement, the following
20 definitions shall apply:

21 "Baykeeper" shall mean the Santa Monica Baykeeper.

22 "Calibration" shall mean the process of running a model using a set of
23 input data and then comparing the results to actual measurements of the system. If
24 the model results do not reasonably approximate the actual measurements, the
25 modeler reviews the components of the model to determine if adjustments should
26 be made so that the model better reflects the system it represents. A model is

1 calibrated to multiple data sets simultaneously.

2 "CCTV" shall mean closed circuit television.

3 "Citizen Plaintiffs" shall mean Baykeeper and the Intervenor.

4 "City" shall mean the City of Los Angeles.

5 "Complaints" shall mean the complaint filed on November 9, 1998

6 by the Baykeeper and Terry Tamminen in what is now Civil Action 98-9039-

7 RSWL, the complaint filed on January 8, 2001 by the United States on behalf of

8 the EPA and the People of the State of California ex rel. the Regional Board in

9 what is now Civil Action 01-191-RSWL, and the complaint in intervention filed

10 on July 5, 2001 in Civil Action 01-191-RSWL by the Intervenor.

11 "Condition Assessment Inspection" shall mean an inspection of a

12 sewer Pipe Reach by CCTV that results in documentation of a Condition

13 Assessment Rating for the inspected Pipe Reach. "Condition Assessment

14 Inspections" shall not include CCTV inspections for cleaning QA/QC, spill

15 follow-up, FOG source investigations, or other types of CCTV inspection unless

16 those inspections yield a Condition Assessment Rating for the entire Pipe Reach.

17 "Condition Assessment Rating" shall mean the assignment of an

18 overall condition rating (A, B, C, D or E) for each inspected Pipe Reach in

19 accordance with City procedures and include documentation in the City's CCTV

20 database of defects found during the CCTV inspection.

21 "CWA" shall mean the Clean Water Act, 33 U.S.C. §§ 1251 *et seq.*

22 "Day," regardless of whether it is capitalized, shall mean a calendar

23 day unless expressly stated to be a working day. In computing any period of time

24 under this Settlement Agreement, where the last day would fall on a Saturday,

25 Sunday, or federal or State holiday, the period shall run until the close of business

26 of the next working day.

1 "Deliverable" shall mean any written report or other document
2 required to be prepared and/or submitted pursuant to Sections II (Applicability),
3 V.G (Work - Odor Provisions), VI (Reporting Requirements), VII (Review and
4 Approval of Deliverables), and VIII (Supplemental Environmental Projects) of
5 this Settlement Agreement.

6 "Design Costs" shall mean any and all costs associated with planning,
7 investigation, alternative development, environmental clearance, facility
8 configuration, detailed design (including, as appropriate, architectural, landscape,
9 civil, water quality, mechanical, electrical, instrumentation and control system,
10 structural, and geotechnical design), constructability review, and procurement
11 (including contract document preparation).

12 "Design Storm" shall mean a 10-year, 24-hour storm utilizing a back
13 loaded hyetograph occurring over the entire Los Angeles service area with wet
14 antecedent soil conditions.

15 "EPA" shall mean the United States Environmental Protection
16 Agency.

17 "First-Time Condition Assessment" shall mean a Condition
18 Assessment Inspection that has not been the subject of a Condition Assessment
19 Inspection more recently than five years prior to July 1 of the Fiscal Year in which
20 the inspection was conducted.

21 "Fiscal Year" shall mean the City's fiscal year beginning on July 1
22 and ending on June 30 of the following year.

23 "FOG" shall mean fats, oils, and grease.

24 "FOG Control Program" or "Fats, Oils, and Grease Control Program"
25 shall mean the City's program to control the discharge of FOG from FSEs as
26 mandated by the City Council's August 2001 Industrial Waste Ordinance

1 modification, and as may be modified consistent with this Settlement Agreement.

2 "FSE," short for "food service establishment," shall mean a facility
3 engaged in preparing food for consumption by the public such as a restaurant,
4 commercial kitchen, caterer, hotel, school, hospital, prison, correctional facility, or
5 care institution. L.A. Muni. Code 64.00(a)(27).

6 "Government Plaintiffs" shall mean the United States and the
7 Regional Board.

8 "Hotspot Cleaning" shall mean scheduled cleaning conducted as part
9 of the maintenance of sewer Pipe Reaches that the City has determined to be in
10 need of high frequency cleaning to reduce the risk of SSOs.

11 "Independent Review of the Sewer Odor Control Program for the City
12 of Los Angeles" shall mean the review conducted by the independent expert
13 retained pursuant to the July 2001 Stipulated Case Management Order.

14 "Intervenors" shall mean the Plaintiffs in Intervention Baldwin Hills
15 Estates Homeowners' Association, Inc., Baldwin Hills Village Garden Homes
16 Association, United Homeowners Association, Village Green Owners Association,
17 and Concerned Citizens of South Central Los Angeles.

18 "Odor Advisory Board" shall mean the community advisory board
19 established pursuant to the July 2001 Stipulated Case Management Order.

20 "Odor Complaint Response Form" shall mean the form used by City
21 crews to respond to odor complaints.

22 "Odor Outreach Plan" shall mean the plan adopted by the City to
23 publicize the existence of the Sewer Odor Hotline.

24 "Paragraph" shall mean a portion of this Settlement Agreement
25 identified by an Arabic numeral.

26 "Parties" shall mean the United States, the Regional Board,
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1 Baykeeper, the Intervenor, and the City.

2 "Pipe Reach" (used primarily with respect to sewer cleaning) shall
3 mean a length of sewer line extending from one maintenance hole to the next
4 maintenance hole.

5 "Plaintiffs" shall mean the United States, the Regional Board,
6 Baykeeper, and the Intervenor.

7 "Primary Basin Plan" shall mean a master plan for the Primary
8 Sewers in the individual primary basins in the City. Currently, there are 25
9 primary basins in the City.

10 "Primary Sewers" shall mean sewers that are 16 inches and greater in
11 diameter, excluding the major outfalls and interceptor sewers.

12 "'R' Factor" shall mean the percentage of rainfall volume in a sewer
13 basin that enters the sanitary sewer.

14 "Regional Board" shall mean the California Regional Water Quality
15 Control Board, Los Angeles Region.

16 "Secondary Basin Plan" shall mean a master plan for the Secondary
17 Sewers in the individual secondary basins in the City. Currently, there are 218
18 secondary basins in the City.

19 "Secondary Sewers" shall mean sewers that are less than 16 inches in
20 diameter.

21 "Section" shall mean a portion of this Settlement Agreement
22 identified by an uppercase Roman numeral.

23 "Settlement Agreement" shall mean this Settlement Agreement and
24 Final Order, including all its attached appendices: Appendix A - Sewer Relief
25 Projects, Appendix B - Rehabilitation and Replacement Projects, and Appendix C
26 - Supplemental Environmental Projects.

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“Sewer Odor Hotline” shall mean the hotline operated by the City for the purpose of receiving and recording calls reporting sewage odor complaints, which was established pursuant to the July 2001 Stipulated Case Management Order.

“Sewer Relief Projects” shall mean new sewers, the replacement of old sewers with larger diameter sewers, diversion structures, and other projects built primarily for the purpose of increasing the hydraulic capacity of the Wastewater Collection System.

“SSO” or “Sanitary Sewer Overflow” shall mean an overflow, spill, diversion, or release of wastewater from or caused by the City’s Wastewater Collection System, except that the term “SSO” does not include wastewater backups into buildings caused solely by a blockage or other malfunction in a building lateral that is privately owned.

“SSO Subject to Stipulated Penalties” or “Subject SSO” shall mean (i) an SSO that results in a release to navigable waters or surface waters of the State in excess of 500 gallons, and (ii) any other SSO in excess of 1000 gallons. A release of wastewater to a storm sewer shall be considered a release to navigable waters unless the City demonstrates that a structural diversion was in place in the storm sewer and operational such that the flow was diverted into the sanitary sewer, or unless the flow did not otherwise enter the primary storm water collection system, or unless the City removed the wastewater from the primary storm water collection system before the wastewater entered a navigable water or surface water of the State. SSOs Subject to Stipulated Penalties shall exclude those caused by acts of vandalism or an error of a contractor or subcontractor not working directly or indirectly on behalf of the City. For the purposes of this definition, the “primary storm water collection system” shall mean the system of

1 laterals and other storm sewers that convey rain water and runoff.

2 "State" shall mean the State of California.

3 "Three-Year Average" – a "Three-Year Average" shall be calculated
4 over three consecutive Fiscal Years.

5 "Three-Year Rolling Average" – a "Three-Year Rolling Average" is
6 a series of Three-Year Averages made up, for example, by the Three-Year
7 Average for Years One through Three, the Three-Year Average for Years Two
8 through Four, the Three-Year Average for Years Three through Five, and so on.

9 "Trigger Flow" shall mean the measured peak dry weather flow level
10 in a sewer pipe that, when reached, triggers the initiation of City planning and
11 design for a Sewer Relief Project. City standards and procedures define the trigger
12 flow level in terms of d/D , the ratio between the depth of flow (d) in a sewer pipe
13 and the diameter (D) of the sewer pipe.

14 "United States" shall mean the United States of America.

15 "Validation" shall mean the process of testing a Calibrated model
16 using one or more independent data sets. The model is run without any further
17 adjustment using independent data set(s) of rainfall data. Then the results are
18 compared to the field measurements collected concurrently with the rainfall data.
19 If the results are suitably close, the model is considered validated.

20 "Wastewater Collection System" shall mean all parts of the
21 wastewater collection system owned or operated by the City that are intended to
22 convey domestic or industrial wastewater to the City's wastewater treatment
23 plants, including without limitation, sewers, pipes, pump stations, lift stations,
24 manholes or maintenance holes, and force mains.

25 "Year" shall mean "Fiscal Year."

26 "Year One" through "Year Ten" are Fiscal Years defined as follows:

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1	"Year One" –	July 1, 2004 through June 30, 2005
2	"Year Two" –	July 1, 2005 through June 30, 2006
3	"Year Three" –	July 1, 2006 through June 30, 2007
4	"Year Four" –	July 1, 2007 through June 30, 2008
5	"Year Five" –	July 1, 2008 through June 30, 2009
6	"Year Six" –	July 1, 2009 through June 30, 2010
7	"Year Seven" –	July 1, 2010 through June 30, 2011
8	"Year Eight" –	July 1, 2011 through June 30, 2012
9	"Year Nine" –	July 1, 2012 through June 30, 2013
10	"Year Ten" –	July 1, 2013, through June 30, 2014.

V. WORK

9. The parties have evaluated the components of the City's Wastewater Collection System program. Pursuant to this Agreement, the City agrees to continue to implement its program components as augmented herein.

A. SEWER CLEANING

10. Starting with Year One, the City shall clean a minimum of 60,000 sewer Pipe Reaches annually (equivalent to approximately 2,600 miles of sewer) and, starting with Year Three, maintain a Three-Year Rolling Average of 65,000 sewer Pipe Reaches cleaned (equivalent to approximately 2,800 miles of sewer). All Pipe Reach cleaning, including preventative maintenance, proactive maintenance, and reactive maintenance (including Hotspot Cleaning), shall be included in determining compliance with this provision, including multiple cleanings of a Pipe Reach in a given Year.

11. If, in any Year, the City cleans more than 60,000 sewer Pipe Reaches, the City may "bank" the excess Pipe Reach cleaning. In any Year following Year One, the City may demonstrate compliance with the annual requirement of cleaning 60,000 Pipe Reaches per Year through a combination of Pipe Reaches cleaned in that Year and "banked" cleaning from previous Years, *provided*, however, that in no Year may the number of Pipe Reaches actually cleaned be reduced below a floor of 48,000 Pipe Reaches, and *provided* that once a banked Pipe Reach cleaning has been used in one Year, it may not be used in any

1 subsequent Year.

2 12. If, in any three-Year period starting with Years One through Three, the
3 City cleans an average of more than 65,000 sewer Pipe Reaches per Year (more
4 than 195,000 Pipe Reaches total in the three-Year period), the City may “bank” the
5 excess Pipe Reach cleaning. In any three-Year period ending after Year Three, the
6 City may demonstrate compliance with the Three-Year Rolling Average
7 requirement of cleaning an average of 65,000 Pipe Reaches per Year through a
8 combination of Pipe Reaches cleaned in that three-Year period and “banked”
9 cleaning from previous three-Year periods, *provided* however, that in no three-
10 Year period may the average number of Pipe Reaches actually cleaned be reduced
11 below a floor of 52,000 Pipe Reaches per Year, and *provided* that once a banked
12 Pipe Reach cleaning has been used in one three-Year period, it may not be used in
13 any subsequent three-Year period.

14 13. The Hotspot Cleaning portion of the annual cleaning in Year One shall
15 be at least 35,000 Pipe Reaches. After Year One, the City shall adjust the quantity
16 of Hotspot Cleaning as necessary to meet the City’s cleaning needs. The
17 frequency and breakdown of cleaning between preventative and proactive
18 maintenance shall be adjusted by the City as appropriate based on field conditions.
19 However, the overall amount of cleaning shall not be reduced below the minimum
20 requirements set forth in Paragraphs 10 through 12, above.

21 B. CHEMICAL ROOT CONTROL

22 14. In Year One and Year Two, to control the growth of roots in the
23 Wastewater Collection System, the City shall apply chemicals to a minimum of
24 150 miles of sewers annually.

25 C. SEWER CONDITION ASSESSMENT (CCTV)

26 15. The City shall continue to conduct comprehensive and systematic
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1 inspections and structural condition assessments of its Wastewater Collection
2 System. Inspections shall be used, among other things, as the primary tool to
3 identify sewers in need of repair, rehabilitation, or replacement. Starting with
4 Year One, at a minimum, the City shall use CCTV to inspect 600 miles of pipes
5 annually. The City shall make it a priority to inspect and assess the condition of
6 pipes that have not been previously inspected by CCTV or were most recently
7 inspected by CCTV more than five years prior to entry of this Agreement. CCTV
8 inspections that are included in determining compliance with the annual inspection
9 requirement include multiple assessments of a sewer pipe, post-spill assessment,
10 and CCTV inspections performed as part of quality assurance/quality control
11 (QA/QC) procedures. By September 1 of each year, the City shall complete
12 Condition Assessment Ratings for each pipe inspected pursuant to this Paragraph
13 during the previous Fiscal Year.

14 16. If in Year One or any subsequent Year, the City completes CCTV
15 Condition Assessment Inspections of more than 600 miles of sewer pipes, the City
16 may "bank" the percentage of the excess CCTV work that equals the percentage of
17 the CCTV work performed during that Year that were First-Time Condition
18 Assessments.

19 17. Beginning in Year Two, in demonstrating compliance with the 600-mile
20 CCTV inspection requirement, the City may rely on the miles of sewer pipes
21 inspected in that Year and any miles "banked" from previous Years, *provided*
22 however, once a "banked" mile of CCTV inspection has been used to demonstrate
23 compliance in one Year, it may not be used again in any other Year.

24 D. SEWER CAPACITY PROJECTS, SYSTEM EVALUATION, AND
25 CAPACITY ASSURANCE

26 18. The City shall complete the construction of the Sewer Relief Projects
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identified in Appendix A to this Settlement Agreement by the deadlines set forth in Appendix A specific to each project, or as modified pursuant to Subsection V.H (Modification of Construction Deadlines).

19. Following approval of the additional Sewer Relief Projects in the Capacity Report and Plan submitted pursuant to Subsection VI.E (Capacity Report and Plan), the City shall complete the construction of the Sewer Relief Projects set forth in that Report by the deadlines provided for in the approved Report, or as modified pursuant to Subsection V.H (Modification of Construction Deadlines).

20. Design Manual. No later than the end of Year One, the City shall add the following language to its design manual ("PDWF" means peak dry-weather flow and "RDI/I" means rainfall derived infiltration and inflow):

Sewers shall be sized so the depth of the PDWF, projected for the design period, shall be no more than one half the pipe diameter ($d/D = 0.5$). An exception shall be made to the design criteria in Table 250 in circumstances where, as a result of a 10-year, 24-hour storm, the tributary area contributing flow to the sewer pipe produces RDI/I flow greater than the PDWF. In these situations, unique and localized conditions shall be considered when sizing pipes. For example, the design depth of flow in the sewer pipe may be adjusted to a level below $d/D = 0.5$ such that the pipe will accommodate peak wet weather flow (PDWF plus RDI/I) resulting from the 10-year, 24-hour storm. As an alternative, the useful design period of the pipe may also be adjusted down to provide sufficient capacity for RDI/I throughout the reduced design period. Where upstream treatment and/or storage reservoirs are planned or available, their effect on reducing peak flows shall be considered in sizing downstream sewers. In the case of relief sewers, the combined capacity of the relief sewer and the sewer being relieved shall meet the above criteria. Under special conditions consistent with good engineering practice and the judgment of the City Engineer, the d/D design criteria of 0.5 may be slightly increased. Some of these special conditions include limitation in pipe size, ability to achieve minimum velocity and to control sewer odors.

21. MOUSE Model. No later than the end of Year Five, the City shall have expanded its MOUSE model to include all Primary Sewers. The expansion will be performed systematically as part of the development of the Primary Sewer master plans. An individual MOUSE model will be developed as part of

1 developing each Primary Basin Plan and will be linked to the existing City
2 MOUSE model. These individual MOUSE models and the expanded MOUSE
3 model shall be Calibrated and Validated.

4 22. The City shall continue its wet weather Calibration and Validation of its
5 existing MOUSE model.

6 23. "R" Factors. No later than the end of Year One, the City shall utilize all
7 current and past valid flow data to complete the development of all "R" Factors for
8 all model basins within the City's MOUSE model.

9 24. Primary Basin Plans. No later than the end of Year Five, the City shall
10 complete all Primary Basin Plans. The City shall utilize all available valid flow
11 data and valid modeling results to evaluate the hydraulic capacity of the Primary
12 Sewer system as part of the development of these master plans.

13 25. Secondary Basin Plans. No later than the end of Year Ten, the City
14 shall complete Secondary Basin Plans for the 100 highest priority secondary
15 basins. As part of the preparation of the Secondary Basin Plans, the City shall
16 consider any possible backwater conditions utilizing all available valid flow data
17 and valid modeling results.

18 E. SEWER REHABILITATION AND REPLACEMENT PROJECTS

19 26. The City shall complete construction of the sewer rehabilitation and
20 replacement projects identified in the Appendix B to this Settlement Agreement by
21 the deadlines set forth in Appendix B specific to each project, or as modified
22 pursuant to Subsection V.H (Modification of Construction Deadlines).

23 27. In Year Four through Year Ten of this Agreement, the City shall
24 rehabilitate or replace the miles of sewer pipes required pursuant to the approved
25 Rehabilitation and Replacement Report and Plan submitted pursuant to Subsection
26 VI.D (Rehabilitation and Replacement Report and Plan). In no event shall the
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1 projects set forth in Appendix B be counted in achieving compliance with the
2 mileage requirements in the approved Rehabilitation and Replacement Report and
3 Plan. For purposes of this Agreement, rehabilitation and replacement includes
4 emergency repairs that restore the affected pipe to Condition C or better,
5 trenchless sewer rehabilitation, and sewer replacement or reconstruction.

6 28. If, in any Year during Years Four through Ten, the City rehabilitates or
7 replaces more than the annual number of miles of sewer pipe required pursuant to
8 the approved Rehabilitation and Replacement Report and Plan submitted pursuant
9 to Subsection VI.D of this Settlement Agreement, the City may "bank" the excess
10 miles of pipe. In any Year beginning in Year Five, the City may demonstrate
11 compliance with the annual rehabilitation and replacement mileage requirement of
12 Paragraph 27 and Subsection VI.D through a combination of miles rehabilitated or
13 replaced in that Year and "banked" rehabilitation or replacement from previous
14 Years, *provided*, however, that once a banked mile of rehabilitation or replacement
15 has been used in one Year, it may not be used in any subsequent Year.

16 29. If, in any three-Year period starting with the three-Year period
17 comprising Years Four through Six, the City rehabilitates or replaces, on a Three-
18 Year Average, more miles of pipe than is required pursuant to the approved
19 Rehabilitation and Replacement Report and Plan submitted pursuant to Subsection
20 VI.D of this Settlement Agreement, the City may "bank" the excess miles of pipe.
21 In any three-Year period ending in or after Year Seven, the City may demonstrate
22 compliance with the Three-Year Rolling Average mileage requirement for sewer
23 pipe rehabilitation or replacement of Paragraph 27 and Subsection VI.D through a
24 combination of miles rehabilitated or replaced in that three-Year period and
25 "banked" miles from previous three-Year periods, *provided* however, that once a
26 banked mile has been used in one three-Year period, it may not be used in any

1 subsequent three-Year period.

2 F. FATS, OILS, AND GREASE (FOG) CONTROL PROGRAM

3 30. The City shall continue to implement its Grease Control Ordinance. At
4 a minimum, the City shall inspect all permitted FSEs annually.

5 31. No later than the end of Year One, following review and, where
6 applicable, approval of the FOG Report required pursuant to Paragraph 59, the
7 City shall a) make any modifications to the FOG Control Program Standard
8 Operating Procedures and Enforcement Response Plan and Enforcement Response
9 Guide provided for in the report, and b) begin implementation of the FOG Control
10 Program in accordance with the modified Standard Operating Procedures and
11 Enforcement Response Plan and Enforcement Response Guide.

12 G. ODOR PROVISIONS

13 General

14 32. The City will continue to investigate, resolve, and mitigate sewer odors
15 to the maximum extent practicable. The City will continue to work closely with
16 the Odor Advisory Board on these efforts.

17 Sewer Odor Hotline and Response

18 33. The City will continue to operate the Sewer Odor Hotline. Within six
19 months from the entry of this Settlement Agreement, the City shall, if practicable,
20 arrange for calls to the Sewer Odor Hotline to be answered and documented by a
21 live person rather than a recording.

22 34. Within six months from the entry into this Settlement Agreement, the
23 City will develop an updated Odor Outreach Plan for advertising the Sewer Odor
24 Hotline. The Plan will continue the public outreach efforts advertising the Sewer
25 Odor Hotline in Los Angeles City Council Districts 8, 9, and 10 and gradually
26 expand the outreach to the entire City.

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1 35. As part of the City's Odor Outreach Plan, the City will develop a
2 community feedback system. Under this system, the City will periodically contact
3 a select group of people who live near known odor hot spots to inquire about their
4 recent experiences with sewage odors and, if applicable, their experiences with the
5 Sewer Odor Hotline.

6 36. The City will implement its updated Odor Outreach Plan and will report
7 on the progress as part of the Annual Report required under Subsection VI.G. of
8 this Settlement Agreement.

9 37. The City will modify its Odor Complaint Response Form to include a
10 qualitative description of the wind condition (i.e., calm, windy, or gusty) observed
11 in good faith by the field crews and wind direction, as readily available to the field
12 crews. In some special cases and as deemed necessary by the City, available basic
13 weather information may be used for the odor complaint investigation.

14 38. The City will make an initial return call to the community member
15 filing the sewer odor complaint through the Sewer Odor Hotline (complainant)
16 within 1 week from the receipt of the hotline complaint if requested by the
17 complainant and the complainant has provided call back information.

18 39. The City will investigate the sewer odor complaint received by the
19 Sewer Odor Hotline and shall call the complainant to attempt to report findings
20 and actions within 30 days from the receipt of the Sewer Odor Hotline complaint
21 if requested by the complainant and the complainant has provided call back
22 information.

23 40. For the first year after the entry into this Settlement Agreement, the City
24 will prepare quarterly reports reviewing the Sewer Odor Hotline program. The
25 reports shall list all sewer odor complaints received by the Sewer Odor Hotline for
26 that period, the date received, the location, the date when the initial call was made,
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1 the cause of the odor complaint as determined by the field inspection crew, the
2 action taken and the date of the follow-up call made. The report shall assess the
3 effectiveness of the Sewer Odor Hotline program, including whether callers are
4 reasonably satisfied with the Sewer Odor Hotline, and shall include any
5 recommendations for improvement, if necessary. A draft of the report will be
6 reviewed with the Odor Advisory Board and the Odor Advisory Board shall have
7 an opportunity to comment on the report, as well as its findings and
8 recommendations. The final report, including any findings and recommendations
9 for improvement, shall be posted on the sewer hotline web page. Thereafter, the
10 City will prepare and post an annual report. The Odor Advisory Board may
11 request a quarterly report if necessary.

12 Odor Advisory Board

13 41. The City will continue to support the Odor Advisory Board for the
14 length of this Settlement Agreement, unless sooner terminated by mutual assent of
15 the parties.

16 42. The City will provide the Odor Advisory Board with all of the reports
17 relating to system evaluation and capacity assurance, including reports concerning
18 flow levels and sewer capacity, that the City is required to provide under this
19 Settlement Agreement.

20 Existing Odor Control Measures

21 43. Within six months of the entry into this Settlement Agreement, the City
22 will prepare written procedures for the odor control measures the City currently
23 employs including the addition of chemicals for sewer odor control. The
24 procedures will outline and describe the type of chemicals and the underlying
25 assumptions utilized to estimate the necessary dosage, including baseline
26 monitoring data, performance monitoring data, odor complaints, and any other
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factors as deemed necessary to ensure the effectiveness of the odor control measures. The procedures will also outline instances with significant changes that require notification of the Odor Advisory Board. This will include instances where the chemicals used are changed or the underlying assumptions are changed.

44. The City will distribute these written procedures to the Odor Advisory Board. On an annual basis, or as requested by the Odor Advisory Board, the City will share summary data with the Odor Advisory Board regarding the odor control measures utilized by the City and any relevant information.

Odor Master Plan

45. The City will complete the preparation of its Odor Master Plan within 2 years from the entry into this Settlement Agreement. This will include the assessment of known odor hotspots, additional testing and monitoring, and recommended actions. The City will develop the Odor Master Plan in consultation with the Odor Advisory Board or its designees. The Odor Advisory Board will be updated quarterly on the progress of the Master Plan preparation.

Air Treatment Facilities & Interim Scrubbers

46. The City will install and operate seven Air Treatment Facilities ("ATFs") for the control of sewer odors at the following locations by the corresponding dates:

<u>Project Title</u>	<u>Construction End Date</u>
ATF – ECIS/NORS (4 Sites) Mission & Jesse 23rd and San Pedro Jefferson Siphon (Jefferson & La Cienega) At NORS Connection	5/23/08
ATF - NCOS Jefferson & Rodeo	5/23/08
ATF - NEIS (2 Sites) Humboldt Richmond	3/26/09

1 The deadline for completion of construction will reflect appropriate design,
2 permitting and/or construction contingencies. The City shall make its best efforts
3 to ensure that any delays do not exceed one year.

4 47. While the ATFs are being constructed, interim odor carbon scrubbers
5 will be installed at the following locations per the corresponding dates:

<u>Project Title</u>	<u>Construction End Date</u>
Interim Carbon scrubber – NCOS	completed
Interim Carbon scrubber – ECIS/NORS (4 Sites) Mission & Jesse 23rd and San Pedro Jefferson Siphon (Jefferson & La Cienega) At NORS connection	8/27/04
Interim Carbon scrubber – NEIS (2 Sites) Humboldt Richmond	10/30/06

13 The deadline for completion of construction will reflect appropriate construction
14 contingencies. The Parties recognize that these dates represent the most reliable
15 estimates based on information currently available and that the dates may be
16 modified as new circumstances dictate.

17 48. In addition, the City will continue to operate the odor control carbon
18 scrubber at the traffic island at the intersection of Rodeo and Jefferson until the
19 ATF at that location is operational.

20 49. The City will develop a written maintenance and operations manual for
21 each of the ATFs. The written operations manual shall state that the standard
22 operating procedure for the ATFs includes the operation of the ATF's biotrickling
23 filter and its carbon polishing system.

24 50. The City will monitor all the odor control facilities as necessary to
25 comply with all regulatory and permit requirements. The City will disclose the
26 terms of these regulatory and permit requirements to the Odor Advisory Board.

1 51. The City will install an indicator light on the outside wall of each ATF
2 that visually depicts whether the biotrickling filter of the ATF is operational or not
3 and the number to call to report any issues with the operations.

4 52. The City will report quarterly to the Odor Advisory Board, or more
5 frequently if requested by the Odor Advisory Board, on the removal levels for
6 hydrogen sulfide at each of the odor control facilities (interim scrubbers and
7 permanent ATFs) showing inlet concentration and outlet concentration. The
8 information will also be posted on the odor hotline web site. One year after the
9 last ATF is installed, the reports will become annual or as requested by the Odor
10 Advisory Board.

11 53. The City will report on the construction progress of the odor control
12 facilities as part of the Annual Report and construction progress will be discussed
13 with the Odor Advisory Board on an annual basis or as requested by the Odor
14 Advisory Board.

15 54. With the completion of each of the ATFs, the City will extend an
16 invitation to the Odor Advisory Board to tour the facility.

17 ECIS Odor Monitoring

18 55. Within two months after ECIS (the East Central Interceptor Sewer)
19 becomes operational, the City will conduct monitoring of hydrogen sulfide gas
20 levels, air pressure, and other necessary parameters in ECIS as necessary to
21 evaluate the effectiveness of the odor control efforts. Within 3 months after the
22 operation of ECIS, the City will share the results of this monitoring with the Odor
23 Advisory Board or its designees.

24 Independent Review of the Sewer Odor Control Program

25 56. Within six months from entry into this Settlement Agreement, the City
26 will prepare an implementation plan for implementing the recommendations made
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1 as part of the Independent Review of the Sewer Odor Control Program for the City
2 of Los Angeles. The implementation plan will include an implementation
3 schedule and reasons for deviating from the recommendations in the Independent
4 Review, if any.

5 57. The progress on the implementation of the recommendations will be
6 reported as part of the Annual Report and will be discussed with the Odor
7 Advisory Board on an annual basis or as requested by the Odor Advisory Board.

8 H. MODIFICATION OF CONSTRUCTION DEADLINES

9 58. If the City and the Government Plaintiffs so agree, the deadlines
10 applicable to the Sewer Relief Projects identified in Paragraphs 18 and 19 above,
11 and the deadlines applicable to the sewer rehabilitation and replacement projects
12 identified in Paragraph 26 above and Appendix B to this Settlement Agreement,
13 may be adjusted to address unforeseen construction contingencies. The City and
14 the Government Plaintiffs agree to work in good faith to adjust these schedules as
15 necessary to address such contingencies. The City shall provide Baykeeper and
16 Intervenor with timely notice of a City proposal to modify a deadline pursuant to
17 this Paragraph and Baykeeper and the Intervenor shall provide Government
18 Plaintiffs with any comments on said proposal. Any dispute with regard to any
19 schedule adjustment proposed pursuant to this Paragraph shall be subject to
20 dispute resolution pursuant to Section XI (Dispute Resolution).

21 VI. REPORTING REQUIREMENTS

22 A. REPORT ON NEED FOR MODIFICATIONS TO FOG CONTROL
23 PROGRAM

24 59. No later than six months after entry of this Agreement, the City shall
25 submit a report for Government Plaintiffs' review and, as to certain elements,
26 approval that evaluates the need for modifications to its current FOG Control
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1 Program Standard Operating Procedures (“SOPs”) and Enforcement Response
2 Plan and Enforcement Response Guide (“ERG”), and applicable sections of its
3 existing rules and regulations implementing its Grease Control Ordinance. This
4 report (the “FOG Report”) shall propose any modifications considered necessary
5 by the City to these elements of the City’s FOG Control Program. The City shall
6 consider SOP and ERG modifications necessary to timely and effectively
7 implement its FOG Control Program and enforce its Grease Control Ordinance.
8 The FOG Report shall include consideration of the eleven elements listed below.

9 The portions of the FOG Report concerning the following five elements
10 shall be subject to Government Plaintiffs’ review and approval:

11 1. Implementation of the conditional waiver provisions including, but not
12 limited to, FSE application for conditional waivers, review of conditional waiver
13 criteria, acknowledgment by each FSE with a conditional waiver of its conditional
14 waiver status and its operational responsibilities to maintain its conditional waiver,
15 and revocation of conditional waivers;

16 2. Follow-up referrals of FOG-caused SSOs and procedures for identifying
17 FSEs responsible for such overflows;

18 3. Procedures for inspection and maintenance of Grease Removal Devices
19 (“GRDs”) including criteria for evaluating the adequacy of GRD design,
20 installation, and maintenance;

21 4. Enforcement response for FOG discharges resulting in an SSO; and

22 5. Establishment of routine inspection frequency and follow-up inspection
23 frequency (where follow-up inspections are necessary);

24 The portions of the FOG Report concerning the following six elements shall
25 be subject to the Government Plaintiffs’ review but not approval:

26 6. Sampling and analysis of the oil and grease concentration in FSE
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1 discharges;

2 7. Targeted residential outreach associated with FOG-caused SSO referrals,
3 focusing on multiple-family dwellings;

4 8. Enforcement response for violations associated with failure to timely
5 apply for permits and/or failure to timely pay applicable fees;

6 9. Enforcement response for FOG discharges causing violations of local oil
7 and grease limits;

8 10. Enforcement response for modifications to an approved GRD without
9 authorization; and

10 11. Inspection forms.

11 B. WET WEATHER CALIBRATION REPORT

12 60. Within six months after the entry of this Agreement, the City shall
13 submit for Government Plaintiffs' review a report on the City's progress on the
14 wet weather Calibration and Validation of the City's MOUSE model (see
15 Paragraph 22), the rationale and procedures used in the Calibration and
16 Validation, and any additional information and work needed for completing the
17 Calibration and Validation.

18 C. CHEMICAL ROOT CONTROL REPORT

19 61. No later than 90 days following the end of Year Two, the City shall
20 submit for Government Plaintiffs' review an evaluation of the effectiveness and
21 applicability of its use of root control chemicals. (See Subsection V.B.) This
22 evaluation shall include recommendations for expanding the application of root
23 control chemicals, if appropriate, that are both feasible and cost-effective, and a
24 schedule for implementing any such recommendations. In addition, the City shall
25 include in its evaluation a review of the potential water quality impact(s) of the
26 application of root control chemicals. In performing this review of potential water
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quality impact(s), the City may utilize and rely on existing reports and literature.

D. REHABILITATION AND REPLACEMENT REPORT AND PLAN

62. No later than the end of Year Two, the City shall submit a Rehabilitation and Replacement Report and Plan ("Rehabilitation Plan") to Government Plaintiffs for their review and approval. (See Paragraph 27 in Subsection V.E - Sewer Rehabilitation and Replacement Projects.) The Rehabilitation Plan shall utilize a comprehensive and systematic inspection and structural condition assessment methodology which enables the City to identify sewers requiring rehabilitation or replacement and to prioritize necessary rehabilitation and replacement projects. The Rehabilitation Plan shall focus on sewers targeted for rehabilitation or replacement based on overflow history, age (with particular attention to sewers constructed prior to 1960), material of construction, maintenance factors, and other factors deemed appropriate by the City.

63. The Rehabilitation Plan shall project the necessary rehabilitation and replacement work for Year Four through Year Ten. This projection shall specify the number or miles of sewer pipes to be rehabilitated or replaced on an annual and Three-Year Rolling Average basis. The rehabilitation and replacement mileage proposed in the Rehabilitation Plan for Years Four through Ten shall not be less than a minimum of 50 miles per Year on an annual basis and a minimum of an average of 60 miles per Year on a Three-Year Rolling Average basis.

64. The Rehabilitation Plan shall be consistent with the City's methodologies that call for timely rehabilitation or replacement of pipes in Condition D and E in accordance with City procedures, and the Rehabilitation Plan shall provide for the rehabilitation or replacement of other pipes necessary to reduce the risks of SSOs and ensure the long-term sustainable renewal of the

1 City's infrastructure. The Rehabilitation Plan shall include a list of pipes known to
2 date to be in Condition D or E and shall describe the City's strategies for
3 addressing the other pipes in the targeted sewers.

4 E. CAPACITY REPORT AND PLAN

5 65. No later than the end of Year Two, the City shall submit a Capacity
6 Report and Plan ("Capacity Plan") to Government Plaintiffs for their review; and,
7 with respect to the additional Sewer Relief Projects, their approval. The Capacity
8 Plan shall address the following issues:

9 a. additional Sewer Relief Projects (see Paragraph 19 in Subsection
10 V.D);

11 b. review of Trigger Flow level; and

12 c. flow monitoring program assessment.

13 66. Additional Sewer Relief Projects. The Capacity Plan will list additional
14 Sewer Relief Projects the City may propose to build in Years Four through Ten to
15 assure that its Wastewater Collection System has sufficient capacity to convey wet
16 weather flows consistent with the City's design standard. For each project, the
17 Capacity Plan shall include a description of the project and a deadline for
18 completion of construction. Project descriptions shall include the sewer pipe
19 being relieved; the location, size, and length of the new sewer pipe, if feasible; and
20 any other pertinent information describing the capacity project.

21 67. Review of Trigger Flow Level. The Capacity Plan will evaluate the
22 City's current "trigger" flow level to determine whether it remains an appropriate
23 criterion for setting priorities for potential capacity relief projects. The review will
24 identify any modifications to the Trigger Flow level that are necessary to account
25 for the planning horizon necessary for timely response. The review will consider
26 the effect wet weather may have on the timing of any projected sewer relief

1 including basins known to have high RDI/I. The Capacity Plan will make findings
2 and recommendations regarding any proposed changes to the City's "trigger" flow
3 level, and any proposed changes as to how the "trigger" flow (either current or
4 revised) will be implemented and applied.

5 68. Flow Monitoring Program Assessment. The Capacity Plan will
6 describe the City's existing flow monitoring program and evaluate its adequacy to
7 support the City's system capacity assessment and planning work.

8 F. IRP REPORT

9 69. No later than the end of Year Five, the City shall complete and submit
10 its Integrated Resources Plan (IRP) addressing the system needs and the
11 improvement plans for the City interceptors and outfall sewers. The City shall
12 submit an update to the IRP no later than the end of Year Ten.

13 G. ANNUAL PROGRESS REPORT

14 70. Timing. By October 1 following the end of Year One and on
15 September 1 of each following year this Settlement Agreement remains in effect,
16 the City shall submit an Annual Progress Report ("Annual Report") to
17 Government Plaintiffs for their review. The Annual Report shall cover at least the
18 period in the Fiscal Year ending on the previous June 30.

19 71. Contents.

20 a. Designated Rehabilitation and Replacement Projects. For Years
21 One through Three of this Settlement Agreement, the Annual Report shall report
22 the status of each project required by Paragraph 26 and identified in Appendix B
23 of this Settlement Agreement. For projects that are completed, the Annual Report
24 shall report whether the project was completed by the applicable deadline. For
25 projects that have not been completed, the Annual Report shall briefly describe the
26 status of the project including whether the project remains on schedule for
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1 completion by the applicable deadline. If any projects identified in Appendix B
2 are not completed by the end of Year Three of this Settlement Agreement,
3 subsequent Annual Reports shall continue to set forth the status of these
4 uncompleted projects until each project is completed.

5 b. Rehabilitation and Replacement – Mileage Requirements. For
6 Years Four through Ten of this Settlement Agreement, the Annual Reports shall
7 report the number of miles of sewer pipes the City has rehabilitated and replaced
8 in the previous Fiscal Year, and, for Years Six through Ten of this Settlement
9 Agreement, report the Three-Year Average of sewer pipes rehabilitated and
10 replaced in the previous three Fiscal Years. The City will provide a list of
11 Condition D and E pipes that have been rehabilitated or replaced in that period of
12 time. For each sewer line rehabilitated or replaced the City shall provide the
13 following information if available:

- 14 (1) the pipe identification number;
- 15 (2) whether the pipe was rehabilitated or replaced;
- 16 (3) the length of the sewer line at issue;
- 17 (4) the pipe material;
- 18 (5) the diameter of the pipe;
- 19 (6) the original installation date of the sewer line at issue;
- 20 (7) the most recent Sewer Condition Assessment Rating of
21 the sewer pipe prior to its rehabilitation or replacement; and
- 22 (8) a map depicting the locations of each pipe rehabilitated
23 or replaced.

24 If the Annual Report indicates that the City has not achieved the required mileage
25 of sewer line rehabilitation and replacement (either on an annual or Three-Year
26 Rolling Average basis), the Annual Report may identify and discuss the reasons
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1 why the mileage requirements were not achieved. If the City exceeded the
2 required mileage of sewer line rehabilitation and replacement (either on an annual
3 or Three-Year Rolling Average basis), and is eligible to bank the excess mileage
4 as provided for by Paragraphs 28 and 29, the Annual Report shall identify the
5 number of miles the City proposes to bank and document the basis for the City's
6 position that it has exceeded the mileage requirements in this Settlement
7 Agreement.

8 c. Sewer Relief Projects. For Years Four through Ten of this
9 Settlement Agreement, the Annual Report shall report the status, including
10 completion schedule, of each Sewer Relief Project incorporated in this Settlement
11 Agreement pursuant to the terms of Paragraphs 18 and 19 and Appendix A. For
12 sewer capacity projects that are completed, the Annual Report shall state whether
13 the project was completed by the deadline applicable to that project.

14 d. Capacity Exceptions List. The Annual Report shall include the
15 current "Capacity Exceptions List." The "Capacity Exceptions List" shall list all
16 identified sewer locations with peak dry weather flow levels exceeding 75% of the
17 pipe diameter and those that are exceeding 50% but less than or equal to 75% of
18 the pipe diameter. The City shall provide information and a schedule, if
19 applicable, relative to the planned action for each location that exceeds the City's
20 adopted Trigger Flow.

21 e. Wastewater Capital Improvements. The Annual Report shall
22 include a copy of the latest Wastewater Capital Improvements Program.

23 f. Sewer Cleaning. The Annual Report shall report the number and
24 miles of sewer Pipe Reaches cleaned in the previous Year, and, for Years Three
25 through Ten of this Settlement Agreement, on a Three-Year Rolling Average. The
26 Annual Report for Year One of this Settlement Agreement shall state whether the
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1 hotspot portion of the City's cleaning comprised at least 35,000 pipes. Each
2 Annual Report shall compare the amount of cleaning to the applicable
3 requirements of this Settlement Agreement, discuss the breakdown of cleaning
4 performed between hotspot and preventative cleaning, and discuss the anticipated
5 level of cleaning and breakdown for the coming Year. If the City has cleaned
6 sewer Pipe Reaches in excess of the requirements of this Settlement Agreement
7 (either on an annual or Three-Year Rolling Average basis), and is eligible to bank
8 the excess cleaned Pipe Reaches as provided for by Subsection V.A (Sewer
9 Cleaning), the Annual Report shall identify the number of cleaned Pipe Reaches
10 the City proposes to bank and document the basis for the City's position that it has
11 exceeded the cleaning requirements in this Settlement Agreement.

12 g. Sewer Line Television Assessment. The Annual Report shall
13 report the number of miles of sewer pipe inspected by CCTV, and the number of
14 miles of First-Time Condition Assessments.

15 h. The Annual Report shall report findings of CCTV condition
16 assessments conducted during the Year including the number of miles of sewer
17 pipe found in each Condition rating A through E.

18 i. Fats, Oils, and Grease (FOG) Control Program. The Annual
19 Report shall report on the implementation and enforcement of the City's FOG
20 Control Program. The City shall provide an annual summary of its weekly FOG
21 reports and report the number of permitted FSEs that were not inspected during
22 the prior year. The Annual Report shall, in addition, report on the City's
23 implementation of its Standard Operating Procedures and Enforcement Response
24 Plan and Enforcement Response Guide. The Annual Report shall provide an
25 annual summary of the Oil/Grease Referrals from WCSD (Wastewater Collection
26 Systems Division), which shall include the names of any FSE identified as a
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1 source causing or contributing to a FOG blockage. In addition, the Annual Report
2 shall report on conditional waiver activity including, if applicable, the number of
3 conditional waivers denied or revoked. (See Subsection V.F - FOG Control
4 Program.)

5 j. Primary and Secondary Basin Plans. The Annual Report shall
6 report on the City's progress towards completing the master plans for the Primary
7 and Secondary Basins Plans required by this Settlement Agreement. This shall
8 include identifying the master plans completed in the previous Year.

9 k. MOUSE Model. The Annual Report shall report on the City's
10 progress on its wet weather Calibration and Validation of its MOUSE model (see
11 Paragraph 22), including, in the Annual Report for Year One, the required
12 development of all "R" Factors for all model basins within the City's existing
13 MOUSE model (see Paragraph 23).

14 l. Chemical Root Control. The Annual Report shall report on the
15 City's use of chemicals to inhibit the growth of roots in the sewer system,
16 including the number of miles of sewer to which root inhibitor has been applied.
17 (See Subsection V.B - Chemical Root Control, and Subsection VI.C - Chemical
18 Root Control Report.)

19 m. Implementation. The Annual Report shall report on any other
20 significant program modifications made during the preceding Fiscal Year that
21 affect compliance with or implementation of the requirements of this Settlement
22 Agreement.

23 n. The Annual Report shall propose new or modified plans in any
24 area where the City has failed to materially comply with this Settlement
25 Agreement.

26 72. Within 30 days of submission of the Annual Report, the City shall
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1 schedule a meeting to discuss its contents with Government Plaintiffs, Baykeeper,
2 and Intervenor. At the meeting, the City shall be prepared to discuss its
3 compliance with this Settlement Agreement to date, and the steps the City plans to
4 take in the Fiscal Year then in progress to assure continued compliance.

5 H. QUARTERLY REPORTS

6 73. Quarterly SSO Reports. On the thirtieth day of January, April, July,
7 and October (30 days after the end of the fiscal quarter) of each year until this
8 Settlement Agreement is terminated, the City shall submit to Plaintiffs a summary
9 of all SSOs occurring during the previous fiscal quarter. The reports shall
10 provide:

- 11 a. the date and time of each SSO;
- 12 b. the location of each SSO including address, district number, basin
13 number, and manhole numbers;
- 14 c. the structure(s) from which each SSO emerged (for example
15 maintenance hole, broken pipe, wet well, indoor plumbing, lateral cleanout, etc.)
- 16 d. the pipe size, length, and material;
- 17 e. the estimated volume of each SSO including gross volume, amount
18 recovered, and amount not recovered;
- 19 f. the cause of each SSO;
- 20 g. whether each SSO entered a particular water of the United States
21 and, if so, the name of the water body and whether it entered via storm drains or
22 other man-made conveyances;
- 23 h. the results and analysis or any post-SSO CCTV results;
- 24 i. the actions the City took to control the overflow and prevent future
25 SSOs at the same location.

26 The City shall also provide the Regional Board with notice of each SSO

1 concurrently with the notices the City provides the County of Los Angeles.

2 I. OTHER PROVISIONS

3 74. Other Reports. Upon Government Plaintiffs' request, the City shall
4 provide any information required by this Settlement Agreement. In addition, in
5 response to reasonable requests by Government Plaintiffs, the City shall provide
6 information relevant to implementation or compliance with any provision of this
7 Settlement Agreement.

8 75. All reports shall be submitted to the persons designated in Section XVI
9 of this Settlement Agreement (Notices).

10 76. Each report submitted by the City under this Section shall be signed by
11 an official of the submitting party and include the following certification:

12 I certify under penalty of law that this document and its attachments
13 were prepared either by me personally or under my direction or
14 supervision in a manner designed to ensure that qualified and
15 knowledgeable personnel properly gathered and presented the
16 information contained therein. I further certify, based on my personal
17 knowledge or on my inquiry of those individuals immediately
18 responsible for obtaining the information, that to the best of my
19 knowledge and belief the information is true, accurate and complete.
20 I am aware that there are significant penalties for submitting false
21 information, including the possibility of fines and imprisonment for
22 knowing and willful submission of a materially false statement.

23 This certification requirement does not apply to emergency or similar notifications
24 where compliance would be impractical.

25 77. The reporting requirements of this Settlement Agreement do not relieve
26 the City of any reporting obligations required by the Clean Water Act or the
27 California Water Code or their implementing regulations, or by any other federal,
28 state, or local law, regulation, permit, or other requirement.

VII. REVIEW AND APPROVAL OF DELIVERABLES

78. After review of the additional Sewer Relief Projects section of the
Capacity Plan submitted pursuant to Paragraph 65.a and the Rehabilitation and

1 Replacement Report and Plan submitted pursuant to Paragraph 62, the
2 Government Plaintiffs shall in writing within 150 days of submission of these
3 Deliverables: (a) approve the submission; (b) approve the submission upon
4 specified conditions; (c) approve part of the submission and disapprove the
5 remainder; or (d) disapprove the submission. If the Government Plaintiffs do not
6 submit a decision in writing within the time specified, the City shall have the right
7 to invoke the procedures set forth in Section XI (Dispute Resolution).

8 79. If the submission is approved pursuant to Paragraph 78(a), the City
9 shall take all actions required by the Deliverable, in accordance with the schedules
10 and requirements of the Deliverable as approved. If the submission is
11 conditionally approved or approved only in part, pursuant to Paragraph 78(b) or
12 (c), the City shall, upon written direction of the Government Plaintiffs, take all
13 actions required by the approved Deliverable that the Government Plaintiffs
14 determine are technically severable from any disapproved portions, subject to the
15 City's right to dispute only the specified conditions or the disapproved portions,
16 under Section XI of this Settlement Agreement (Dispute Resolution).

17 80. If the submission is disapproved in whole or in part pursuant to
18 Paragraph 78(c) or (d), the City shall, within 60 days or such other time as the
19 Parties agree to in writing, correct all deficiencies and resubmit the Deliverable, or
20 disapproved portion thereof, for approval, in accordance with the preceding
21 Paragraphs. Alternatively, the City may invoke Section XI of this Settlement
22 Agreement (Dispute Resolution).

23 81. If a resubmitted Deliverable, or portion thereof, is disapproved in whole
24 or in part, the Government Plaintiffs may again require the City to correct any
25 deficiencies, in accordance with the preceding Paragraphs, subject to the City's
26 right to invoke Dispute Resolution.

82. The Report on Need for Modification to FOG Control Program required under Paragraph 59 shall be subject to the review and, in part, approval as provided for by Paragraph 59. In their approval of the portions of the FOG Report concerning elements 1 through 5 as listed in Paragraph 59, Government Plaintiffs will verify whether the Report reflects reasonable regulatory judgment aimed at improving the effectiveness of the City's implementation of its FOG program. As to those portions of this report that are subject to Government Plaintiffs' approval, the process set forth in Paragraphs 78 through 81 will apply.

83. The Wet Weather Calibration Report, the Chemical Root Control Report, the IRP Report, and the “Trigger” Flow and flow monitoring sections of the Capacity Plan required by Paragraphs 60, 61, 67, 68, and 69 of this Settlement Agreement shall be subject to Government Plaintiffs’ review and verification that these Reports reflect sound engineering principles and are consistent with the requirements set forth in the Paragraph(s) requiring the preparation of the reports.

84. With the exception of the Work Plans discussed in Section VIII Supplemental Environmental Projects (which shall be reviewed and approved pursuant to Paragraph 90), the remaining Deliverables, including the portions of the FOG Report concerning elements 6 through 11 as listed in Paragraph 59, will be subject to the Government Plaintiffs' review but not approval.

85. Permits. Where any compliance obligation under this Settlement Agreement requires the City to obtain a federal, state, or local permit or approval, the City shall submit timely and complete applications and take all other actions necessary to obtain all such permits or approvals. The City may seek relief under the provisions of Section X (Force Majeure) of this Settlement Agreement for any delay in the performance of any such obligation resulting from a failure to obtain, or a delay in obtaining, any permit or approval required to fulfill such obligation,

1 if the City has submitted timely and complete applications and has taken all other
2 actions necessary to obtain all such permits or approvals.

3 **VIII. SUPPLEMENTAL ENVIRONMENTAL PROJECTS**

4 86. In implementing Supplemental Environmental Projects ("SEPs") under
5 this Settlement Agreement, the City shall spend no less than \$8.5 million in
6 eligible SEP costs. This \$8.5 million shall include the \$800,000 payment required
7 by Paragraph 144. "Eligible SEP costs" include the costs of planning and
8 implementing SEPs, but do not include City overhead, administrative expenses,
9 legal fees, and contractor oversight. Design Costs in excess of 18% of the overall
10 SEP costs shall not be "eligible SEP costs." If the Design Costs exceed 18% of
11 the total overall SEP costs, the City and the Government Plaintiffs shall negotiate
12 in good faith regarding whether an adjustment to the 18% figure is appropriate and
13 if so, the size of the adjustment. The City shall implement the following SEPs,
14 which are described briefly in Appendix C to this Settlement Agreement:

- 15 a. North Atwater Creek Restoration and Water Quality
16 Enhancement Project;
- 17 b. South Los Angeles Storm Water Treatment Project at 54th and
18 Avalon Streets;
- 19 c. Hazard Creek and Wetlands Restoration Project;
- 20 d. Inner Cabrillo Beach Pollution Control and Water Circulation
21 Enhancement Project;
- 22 e. Downtown Los Angeles Storm Drain Low-Flow Diversion
23 Project.

24 87. If the City implements each of the projects provided for in Paragraph
25 86, above, but those projects cost less than \$8.5 million in eligible SEP costs, the
26 City shall implement an additional project or additional projects from the
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1 following list to ensure that the City spends no less than \$8.5 million in eligible
2 SEP costs:

- 3 a. Restoration of Los Angeles River Wetlands at the
4 "Headworks" Spreading Ground Project;
- 5 b. Additional Downtown Los Angeles Storm Drain Low-Flow
6 Diversion Project(s) (not to exceed \$2.0 million);
- 7 c. Legion Lane Park - LA River Revitalization, Habitat
8 Restoration & Water Quality Enhancement Project;
- 9 d. Sycamore Grove Streambed Daylighting Project.

10 These projects are briefly described in Appendix C to this Settlement Agreement.

11 If projects from the above list are required, the City shall have the discretion to
12 choose which project or projects to implement. Prior to incurring any eligible SEP
13 costs for an additional project, the City shall provide notice to the Parties that it is
14 electing to implement the project pursuant to the terms of this Paragraph.

15 88. If the City in its sole discretion, at any point, determines that a project
16 provided for in Paragraph 86 cannot be implemented at a reasonable cost, is not
17 needed to fulfill the requirement to spend no less than \$8.5 million in eligible SEP
18 costs, or is not in the public interest, the City may elect not to implement that
19 project. If the City elects not to implement a project provided for by Paragraph 86,
20 the City may propose to substitute a project or projects from the additional projects
21 set forth in Paragraph 87; however, the proposal to substitute projects from
22 Paragraph 87 is subject to the approval of Government Plaintiffs. If the
23 Government Plaintiffs do not approve the City's substitute project proposal, the
24 Government Plaintiffs will identify what projects from Paragraph 87 would be
25 acceptable substitute projects. The City and Government Plaintiffs will negotiate
26 in good faith to determine a mutually agreeable substitute project or projects,

1 including, if necessary, pursuant to Section XIX (Modification) of this Settlement
2 Agreement, a SEP not set forth in Paragraphs 86 and 87.

3 89. If the City initiates work on a project but, for any reason, elects not to
4 complete it, no costs of the project are eligible SEP costs. If the City initially
5 completes a project unsatisfactorily (as measured by the Work Plan for the
6 project), no costs of the project are eligible SEP costs unless and until the project
7 is satisfactorily completed.

8 90. The City shall submit to the Government Plaintiffs a proposed Work
9 Plan for each SEP, which shall include a plan for the implementation of the SEP, a
10 schedule for implementing the SEP, cost estimates for the various phases of the
11 project, and a certification of the truth and accuracy of the statements in Paragraph
12 92 below, as of the time of the submission of the Work Plan. The Government
13 Plaintiffs shall have approval rights regarding the Work Plans as follows: they can
14 reject the Work Plans if the Work Plans are not consistent with the description and
15 objectives of the project as set forth in Appendix C, are not based on sound
16 engineering or other technical principles relevant to the implementation of the
17 SEPs, or fail to properly make the required certification. The Government
18 Plaintiffs shall have 90 days to review and approve SEP Work Plans. If the
19 Government Plaintiffs have not approved in writing a Work Plan within 90 days of
20 its submission, the Work Plan shall be deemed denied. The City shall implement
21 SEPs in accordance with the approved Work Plans, which shall be deemed to be
22 attached to, and incorporated into, this Settlement Agreement.

23 91. The City is responsible for the satisfactory completion of the SEPs in
24 accordance with the requirements of this Settlement Agreement. "Satisfactory
25 completion" means that the City shall complete the work in accordance with the
26 approved Work Plans and shall spend, in total, not less than the amount set forth in
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1 Paragraph 86, above. The City may use contractors and/or consultants in planning
2 and implementing the SEP.

3 92. With regard to the SEPs, the City certifies the truth and accuracy of
4 each of the following, subject to the provisions of Paragraph 93:

5 a. That all cost information provided to EPA and the Regional Board
6 in connection with EPA's and the Regional Board's approval of the SEP
7 represents a reasonable and fair estimate of the costs necessary to implement the
8 SEP based on the information available to the City at the time the cost information
9 was submitted to the Government Plaintiffs;

10 b. That, as of the date of executing this Settlement Agreement, the
11 City is not required to perform or develop the SEP by any federal, state, or local
12 law or regulation, nor is the City required to perform or develop the SEP by
13 agreement, grant, or as injunctive relief awarded in any other action in any forum;

14 c. That the SEP is not a project that the City was intending to
15 construct, perform, or implement other than in settlement of the claims resolved in
16 this Settlement Agreement;

17 d. That the City has not received, and is not negotiating to receive,
18 credit for the SEP in any other enforcement action; and

19 e. That the City will not receive any reimbursement for any portion
20 of the SEP from any other person.

21 93. The City in the future may seek alternate sources of funds to implement
22 any of the 2nd Tier projects set forth in Paragraph 87 and Appendix C, *provided*,
23 however, that if the City obtains funding from any other person to implement any
24 such project, the project shall not be eligible for implementation as a SEP and
25 shall be deemed deleted from Paragraph 87.

26 94. Annual SEP Status Report. In each Annual Report, the City shall report
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1 on the status of each SEP for which a SEP Completion Report has not been
2 submitted. Each SEP Status Report shall contain at least the following
3 information:

- 4 1) A detailed description of the SEP as implemented to date;
- 5 2) An itemized list of all eligible SEP costs incurred through
6 the Fiscal Year covered by the Annual Report.

7 95. SEP Completion Report

8 a. No later than the end of Year Ten, the City shall submit a SEP
9 Completion Report on each SEP to each Plaintiff, in accordance with Section XVI
10 of this Settlement Agreement (Notices). Each SEP Completion Report shall
11 contain the following information:

- 12 1) A detailed description of the SEP as implemented;
- 13 2) An itemized list of all eligible SEP costs;
- 14 3) Certification that the SEP has been fully implemented
15 pursuant to the provisions of this Settlement Agreement; and
16 4) A description of the environmental and public health
17 benefits resulting from implementation of the SEP.

18 96. The Government Plaintiffs in their reasonable discretion may require
19 additional information from the City relevant to a determination of the City's
20 compliance with the SEP requirements of this Settlement Agreement.

21 97. After receiving a SEP Completion Report, the Government Plaintiffs
22 shall notify the City whether or not the City has satisfactorily completed the SEP.
23 If the Government Plaintiffs fail to notify the City, within 90 days of receipt of a
24 SEP Completion Report, whether the SEP has been satisfactorily completed, the
25 SEP shall be deemed to have been unsatisfactorily completed, and the City may
26 commence Dispute Resolution pursuant to Section XI of this Settlement
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1 Agreement.

2 98. Disputes concerning the satisfactory completion of a SEP, the amount
3 of eligible SEP costs (including whether an expenditure is an eligible SEP cost),
4 and whether the Government Plaintiffs have identified sufficient projects
5 acceptable to them pursuant to Paragraph 88 may be resolved under Section XI of
6 this Settlement Agreement (Dispute Resolution). No other disputes arising under
7 this Section shall be subject to Dispute Resolution.

8 99. Each submission required under this Section shall be signed by an
9 official with knowledge of the SEP and shall bear the certification language set
10 forth in Paragraph 76, above.

11 100. Any public statement, oral or written, in print, film, or other media,
12 made by the City that publicizes SEPs implemented pursuant to this Settlement
13 Agreement shall include the following language, "This project was undertaken in
14 connection with the settlement of two Clean Water Act enforcement actions,
15 Santa Monica Baykeeper v. City of Los Angeles and United States and State of
16 California ex Rel. California Regional Water Quality Control Board, Los Angeles
17 Region v. City of Los Angeles."

18 IX. STIPULATED PENALTIES

19 101. If the City fails to make the payments required by Section XII of this
20 Settlement Agreement (Civil Penalty and Section 13385 Payment) when due, the
21 City shall pay a stipulated penalty of \$500 per day for each day that the payment is
22 late. Late payment of the amounts due under Section XII shall be made in
23 accordance with Paragraphs 143 and 144, below. Stipulated Penalties shall be
24 paid in accordance with Paragraph 122, below. All transmittal correspondence
25 shall state that any such payment is for late payment of the civil penalty due under
26 this Settlement Agreement, or for Stipulated Penalties for late payment, as

1 applicable, and shall include the identifying information set forth in Paragraphs
2 143 and 144, below.

3 102. The City shall be liable for Stipulated Penalties to the Government
4 Plaintiffs for the following violations of this Settlement Agreement as specified
5 below:

6 103. Designated Rehabilitation and Replacement Projects.

7 a. For each failure to complete the rehabilitation and replacement
8 projects identified in Paragraph 26 and Appendix B of this Settlement Agreement
9 in accordance with the schedule set forth in that Paragraph and Appendix or as
10 modified pursuant to Subsection V.H (Modification of Construction Deadlines),
11 the City shall be liable for stipulated penalties as set forth below:

12 <u>Period of Noncompliance</u>	<u>Penalty Per Day For Failure to Timely Complete</u>
13 Days 1-30	\$1,000
14 Days 31-60	\$2,000
15 Days 61+	\$3,000

16 b. If the City is liable for a stipulated penalty pursuant to
17 Subparagraph "a" of this Paragraph, the City shall also be liable for a stipulated
18 penalty of \$2,000 for each Subject SSO from an uncompleted sewer pipe (i.e., pipe
19 that was the subject of the stipulated penalty under Subparagraph "a") during the
20 period of violation.

21 104. Rehabilitation and Replacement – Annual Mileage Requirement.

22 Beginning in Year Four, if the City fails to rehabilitate or replace at least 50
23 miles of sewer pipe per Fiscal Year, the minimum annual mileage figure permitted
24 by Paragraph 63, the City shall be liable for the following stipulated penalty:

- 25 • \$4,000 per mile for each mile by which the City falls short of the
26 50-mile minimum, and

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- during any Fiscal Year in which the City fails to rehabilitate or replace at least 50 miles of sewer pipe, \$1,000 for each Subject SSO caused by pipe failure or pipe collapse, or a blockage caused by a pipe failure or pipe collapse.

105. Rehabilitation and Replacement – Three-Year Average Mileage Requirement. Beginning in the three-Year period comprising Years Four through Six, if the City fails to rehabilitate or replace at least an average of 60 miles of sewer pipe per Fiscal Year during any three-Year period, the minimum mileage figure permitted by Paragraph 63, the City shall be liable for the following stipulated penalty:

- \$4,000 per mile for each mile by which the City falls short of the 60-mile minimum average during the three-Year period, and
- during any three-Year period in which the City fails to rehabilitate or replace at least an average of 60 miles of sewer pipe per Fiscal Year, \$1,000 for each Subject SSO that (i) occurs during a Fiscal Year in which the City failed to rehabilitate or replace at least 60 miles of sewer pipe and (ii) was caused by pipe failure or pipe collapse, or a blockage caused by a pipe failure or pipe collapse.

106. Fats, Oils, and Grease. The City shall be liable for stipulated penalties in the following amounts with respect to the following elements of its Fats, Oils, and Grease Control Program:

a. If the City fails to inspect 95% of the permitted FSEs that the City must inspect in a Fiscal Year pursuant to Paragraph 30, the City shall be liable for \$250 per FSE for every FSE below the 95% threshold that was not inspected.

b. If, after notice of deficiency and opportunity to cure, the City materially fails to implement its Fats, Oils, and Grease enforcement guide as

1 required by Paragraph 31, for example, without limitation, by failing to conduct
2 follow-up inspections:

3 (1) the City shall be liable for \$500 for each permitted FSE
4 at which the City failed to implement its Fats, Oils and Grease enforcement
5 guide, and

6 (2) if the City is liable for a stipulated penalty pursuant to
7 Subparagraph "b (1)" above, the City shall be liable for \$1,000 for every
8 Subject SSO caused by grease that occurs during the period of the violation.

9 107. Sewer Cleaning – Annual Average. If the City is liable for failing to
10 clean at least 60,000 Pipe Reaches in any Fiscal Year as required by Paragraphs 10
11 and 11, the City shall be liable for the following stipulated penalty:

- 12 ● \$10 per Pipe Reach for the first 10,000 Pipe Reaches below the
- 13 60,000-Pipe Reach threshold, and \$25 per Pipe Reach for each
- 14 additional Pipe Reach below the 60,000-Pipe Reach threshold, and
- 15 ● during any Fiscal Year in which the City is liable for failing to
- 16 clean at least 60,000 Pipe Reaches, \$500 per Subject SSO for each
- 17 Subject SSO caused by a root or grease blockage.

18 108. Sewer Cleaning – Three-Year Average. If the City fails to clean an
19 average of at least 65,000 Pipe Reaches per Fiscal Year in any three-Year period
20 as required by Paragraph 12, the City shall be liable for the following stipulated
21 penalty:

- 22 ● \$10 per Pipe Reach for the first 10,000 Pipe Reaches below the
- 23 65,000-Pipe Reach average threshold, and \$25 per Pipe Reach for
- 24 each additional Pipe Reach below the 65,000-Pipe Reach average
- 25 threshold, and
- 26 ● during any three-Year period in which the City is liable for failing
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1 to clean at least an average of 65,000 Pipe Reaches per Fiscal Year,
2 \$500 per Subject SSO for each Subject SSO caused by a root or
3 grease blockage.

4 109. Sewer Line Television Assessment. If the City fails in any Fiscal Year
5 to televise 600 miles of sewer pipe as required by Subsection V.C (Sewer
6 Condition Assessment (CCTV)), the City shall be liable for a stipulated penalty of
7 \$250 per mile not televised.

8 110. Sewer Capacity Projects.

9 a. For each failure to complete a Sewer Relief Project identified in
10 Paragraph 18 and Appendix A of this Settlement Agreement in accordance with
11 the schedule set forth in that Paragraph and Appendix, or as modified pursuant to
12 Subsection V.H (Modification of Construction Deadlines), the City shall be liable
13 for stipulated penalties as set forth below:

14 <u>Period of Noncompliance</u>	<u>Penalty Per Day For Failure to Timely Complete</u>
15 Days 1-30	\$1,000
16 Days 31-60	\$2,000
17 Days 61+	\$3,000

18 b. If the City is liable for a stipulated penalty pursuant to
19 Subparagraph "a" of this Paragraph, the City shall also be liable for \$5,000 per
20 Subject SSO or \$1 per gallon released, whichever is higher (to a maximum of
21 \$27,500 per Subject SSO), for each Subject SSO during the period of
22 noncompliance resulting from insufficient capacity in any sewer pipe for which
23 the required capacity improvement work has been delayed beyond the scheduled
24 completion date.

25 111. Secondary Basin Planning. If the City fails to timely complete 100
26 Secondary Basins Plans as required by Paragraph 25, the City shall be liable for

1 stipulated penalties as set forth below:

<u>Period of Noncompliance</u>	<u>Penalty Per Day for Failure to Timely Complete</u>
Days 1-30	\$50 per basin plan not complete
Days 31-60	\$100 per basin plan not complete
Days 61+	\$250 per basin plan not complete

6 112. Primary Basin Planning. If the City fails to timely complete all the
7 Primary Basin Plans as required by Paragraph 24, the City shall be liable for
8 stipulated penalties as set forth below:

<u>Period of Noncompliance</u>	<u>Penalty Per Day for Failure to Timely Complete</u>
Days 1-30	\$50 per basin plan not complete
Days 31-60	\$100 per basin plan not complete
Days 61+	\$250 per basin plan not complete

13 113. MOUSE Model Expansion. For failure to complete expansion of the
14 MOUSE model in each primary basin as required by Paragraph 21, the City shall
15 be liable for stipulated penalties as set forth below:

<u>Period of Noncompliance</u>	<u>Penalty Per Day for Failure to Timely Complete</u>
Days 1-30	\$25 per basin not complete
Days 31-60	\$50 per basin not complete
Days 61+	\$100 per basin not complete

20 114. Approvable Sewer Rehabilitation and Replacement Report. If the City
21 fails to submit a complete sewer Rehabilitation and Replacement Report and Plan
22 as required by Subsection VI.D, after notice of deficiency and an opportunity to
23 cure, the City shall be liable for a stipulated penalty of \$50,000. For purposes of
24 this Paragraph, a complete sewer Rehabilitation and Replacement Report and Plan
25 is one which includes the elements required by Paragraphs 62-64, and employs
26 reasonable engineering judgment in assessing each element.

115. Delays in Submission of Deliverables. The City shall be subject to the following stipulated penalties for each failure to timely submit to Government Plaintiffs, whether in draft or final form, a Deliverable subject to a deadline under this Settlement Agreement:

<u>Period of Noncompliance</u>	<u>Penalty Per Day for Failure to Timely Submit</u>
Days 1-30	\$250
Days 31-60	\$500
Days 61+	\$2,000

116. SEP Compliance. If the City has spent less than the amount set forth in Paragraph 86, above, on SEPs, the City shall pay a stipulated penalty equal to the difference between the amount of total eligible SEP costs incurred by the City and the amount set forth in Paragraph 86.

117. If an SSO Subject to Stipulated Penalties creates liability under more than one stipulated penalty provision, the Government Plaintiffs, in the unreviewable exercise of their discretion, may decide under which stipulated penalty provision they will demand a stipulated penalty; each Subject SSO, however, shall be subject to only one stipulated penalty payment pursuant to this Section.

118. The Government Plaintiffs may, in the unreviewable exercise of their discretion, reduce or waive stipulated penalties otherwise due under this Settlement Agreement. In exercising their discretion under this Paragraph, the Government Plaintiffs will take into consideration the amount of time that has elapsed since they received notice of the underlying violation.

119. In the event the Regional Board has initiated a collateral proceeding to assess a penalty for an SSO Subject to Stipulated Penalties, 50% of the stipulated penalty associated with the Subject SSO shall be held in abeyance pending

1 completion of the Regional Board's penalty action. The 50% of the stipulated
2 penalty not held in abeyance shall be paid to the United States pursuant to
3 Paragraph 122. If the Regional Board collects a penalty for the Subject SSO
4 through the collateral proceeding and the penalty collected in the collateral
5 proceeding equals or exceeds the amount held in abeyance, the 50% of the
6 stipulated penalty held in abeyance shall be waived. If the Regional Board
7 collects no civil penalty for the Subject SSO through the collateral proceeding or if
8 the amount collected for the Subject SSO is less than the amount held in abeyance,
9 then the stipulated penalty held in abeyance shall be paid to the Regional Board
10 pursuant to the provisions of Paragraph 122, but the amount paid to the Regional
11 Board shall be reduced by the amount paid to the Regional Board through the
12 collateral proceeding for the Subject SSO. The Regional Board shall provide
13 written notice to the City and the United States of the completion of any collateral
14 proceeding relevant to this Section and a renewed demand for payment of any of
15 the stipulated penalties due and owing pursuant to the provisions of this
16 Paragraph.

17 120. If the City pays the Regional Board a stipulated penalty for an SSO
18 under this Settlement Agreement, the City and the Regional Board agree that the
19 amount of the stipulated penalty shall be credited against any penalty imposed in a
20 collateral proceeding brought by the Regional Board to assess a penalty for an
21 SSO.

22 121. Except for the payment to the Regional Board of stipulated penalties
23 held in abeyance pursuant to the immediately preceding Paragraph, fifty percent
24 (50%) of each payment of stipulated penalties made pursuant to this Section shall
25 be made to the United States, and fifty percent (50%) of each payment shall be
26 made to the Regional Board, using the penalty payment procedures set forth in
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Paragraph 122. The Government Plaintiffs may modify these payment procedures through written notice to the City.

122. The City shall pay Stipulated Penalties owing to the United States by certified or cashier's check in the amount due payable to the "U.S. Department of Justice," referencing DOJ No. 90-5-1-1-809/1 and United States Attorney's Office file number 2001V01641 and delivered to the office of the United States Attorney, Central District of California, Financial Litigation Unit, 300 North Los Angeles Street, Suite 7516 AA, Los Angeles, California 90012, *unless* the United States directs the City to pay by EFT in accordance with Paragraph 143 of this Settlement Agreement. The City shall pay Stipulated Penalties owing to the Regional Board by sending a certified or cashier's check payable to "State Water Pollution Cleanup and Abatement Account" to: Executive Officer, California Regional Water Quality Control Board, Los Angeles Region, 320 West Fourth Street, Suite 200, Los Angeles, CA 90013.

123. If the City fails to pay Stipulated Penalties according to the terms of this Settlement Agreement, the City shall be liable for interest on such penalties, as provided for in 28 U.S.C. § 1961, accruing as of the date payment became due, subject to the following Paragraph.

124. Upon receipt of Government Plaintiffs' written demand for payment of a stipulated penalty, the City may dispute its liability for such stipulated penalty pursuant to the dispute resolution provisions of Section XI (Dispute Resolution). Pending resolution of any such dispute, stipulated penalties continue to accrue if the obligation at issue has not been met and interest on any unpaid penalties accrue pursuant to the terms of Paragraph 123, *provided*, however, that the City may argue to the Court that stipulated penalties and interest should not run after the matter has been fully briefed and submitted to the Court and *provided* that

1 Plaintiffs can argue the contrary. Upon the completion of dispute resolution, any
2 stipulated penalties that are ultimately determined to be due, plus interest as
3 applicable, shall be paid within twenty (20) days of the date of the Government
4 Plaintiffs' written decision or, if applicable, any Court order.

5 125. The payment of stipulated penalties shall not alter in any way the
6 City's obligation to complete the performance of all activities required under this
7 Settlement Agreement.

8 126. Payment of stipulated penalties as set forth above shall be in addition
9 to any other rights or remedies that may be available to the Government Plaintiffs
10 by reason of the City's failure to comply with requirements of this Settlement
11 Agreement or any applicable federal, state, or local laws, regulations, NPDES
12 Permits, and all other applicable permits.

13 X. FORCE MAJEURE

14 127. A "force majeure event" is any event beyond the control of the City,
15 its contractors, or any entity controlled by the City that delays the performance of
16 any obligation under this Settlement Agreement despite the City's best efforts to
17 fulfill the obligation. "Best efforts" includes anticipating reasonably foreseeable
18 force majeure events and taking appropriate preventive actions before a force
19 majeure event occurs. "Best efforts" also includes addressing the effects of any
20 force majeure event (a) as it is occurring and (b) after it has occurred, to prevent or
21 minimize any resulting delay to the extent reasonably practicable. "Force
22 Majeure" does not include the City's financial inability to perform any obligation
23 under this Settlement Agreement.

24 128. The City shall provide written notice, as provided in Section XVI of
25 this Settlement Agreement (Notices), within 30 days of the time the City first
26 knew of, or by the exercise of due diligence, should have known of, a claimed
27

1 force majeure event. The notice shall state the anticipated duration of any delay,
2 its cause(s), the City's past and proposed actions to prevent or minimize any delay,
3 a schedule for carrying out those actions, and the City's rationale for attributing
4 any delay to a force majeure event. Failure to provide oral and written notice as
5 required by this Paragraph shall preclude the City from asserting any claim of
6 force majeure.

7 129. If the Government Plaintiffs agree that a force majeure event has
8 occurred, they may agree to extend the time for the City to perform the affected
9 requirements for the time necessary to complete those obligations. An extension
10 of time to perform the obligations affected by a force majeure event shall not, by
11 itself, extend the time to perform any other obligation. Where the Government
12 Plaintiffs agree to an extension of time, the appropriate modification shall be made
13 pursuant to Section XIX of this Settlement Agreement (Modification).

14 130. If the Government Plaintiffs do not agree that a force majeure event
15 has occurred, or do not agree to the extension of time sought by the City, the
16 Government Plaintiffs' position shall be binding, unless the City invokes Dispute
17 Resolution under Section XI of this Settlement Agreement. In any such dispute,
18 the City bears the burden of proving, by a preponderance of the evidence, that
19 each claimed force majeure event is a force majeure event, that the City gave the
20 notice required by Paragraph 128, that the force majeure event caused any delay
21 the City claims was attributable to that event, and that the City exercised best
22 efforts to prevent or minimize any delay caused by the event.

23 XI. DISPUTE RESOLUTION

24 131. Unless otherwise expressly provided for in this Settlement Agreement,
25 all disputes under this Settlement Agreement are subject to dispute resolution and
26 the dispute resolution procedures of this Section shall be the exclusive mechanism
27

1 to resolve disputes arising under or with respect to this Settlement Agreement.
2 However, such procedures shall not apply to actions by the United States and the
3 Regional Board to enforce obligations of the City that have not been disputed in
4 accordance with this Section.

5 132. Role of Intervenors. The Intervenors shall participate in the dispute
6 resolution process set forth in this Section whenever the dispute involves the odor
7 provisions of Subsection V.G of this Settlement Agreement.

8 133. Informal Dispute Resolution. Any dispute subject to dispute
9 resolution under this Settlement Agreement shall first be the subject of informal
10 negotiations. The dispute shall be considered to have arisen when the City or a
11 Citizen Plaintiff sends the other Parties a written Notice of Dispute. Such Notice
12 of Dispute shall state clearly the matter in dispute. The period of informal
13 negotiations shall not exceed 20 days from the date the dispute arises, unless that
14 period is modified by written agreement. If the Parties cannot resolve a dispute by
15 informal negotiations, then the position advanced by the Government Plaintiffs
16 shall be considered binding unless, within 30 days after the conclusion of the
17 informal negotiation period, the City or a Citizen Plaintiff invokes the dispute
18 resolution procedures as set forth in Paragraphs 134 to 136 below.

19 134. Dispute Resolution. The City or a Citizen Plaintiff shall invoke the
20 dispute resolution procedures of these Paragraphs 134 to 136 within the time
21 period provided in Paragraph 133 above by serving on the Government Plaintiffs
22 (with copies to the other Parties) a written Statement of Position regarding the
23 matter in dispute. The Statement of Position shall include, but may not necessarily
24 be limited to, any factual data, analysis, or opinion supporting the position and any
25 supporting documentation relied upon by the Party invoking formal dispute
26 resolution.

1 135. Parties that did not invoke the dispute resolution process of these
2 Paragraphs 134-136, but that wish to serve a Statement of Position before the
3 Government Plaintiffs serve their Statement of Position, shall serve Statements of
4 Position 30 days after service of the Statement of Position that invoked the dispute
5 resolution process of Paragraphs 134-136. A Statement of Position served
6 pursuant to this Paragraph shall include, but may not necessarily be limited to, any
7 factual data, analysis, or opinion supporting the position and any supporting
8 documentation relied upon by the Party invoking the formal dispute resolution
9 procedures of Paragraphs 134-136.

10 136. The Government Plaintiffs shall serve their Statement of Position
11 within 45 days after service of the later of the City's or Citizen Plaintiff's
12 Statement of Position, as applicable. The Government Plaintiffs' Statement of
13 Position shall include, but may not necessarily be limited to, any factual data,
14 analysis, or opinion supporting that position and all supporting documentation
15 relied upon by the United States and the Regional Board. The Government
16 Plaintiffs' Statement of Position shall be binding unless the City or a Citizen
17 Plaintiff files a motion for judicial review of the dispute in accordance with the
18 following Paragraphs.

19 137. Judicial Dispute Resolution. The City and Citizen Plaintiffs may seek
20 judicial review of the dispute against Government Plaintiffs by filing with the
21 Court and serving on the Government Plaintiffs (with copies to other Parties,
22 including Intervenors if participating) in accordance with Section XVI of this
23 Settlement Agreement (Notices), a motion requesting judicial resolution of the
24 dispute. The motion must be filed within 60 days after service of the Government
25 Plaintiffs' Statement of Position pursuant to Paragraph 136. The motion shall
26 contain a written statement of the City's or Citizen Plaintiff's position on the
27
28

1 matter in dispute, including any supporting factual data, analysis, opinion, or
2 documentation, and shall set forth the relief requested and any schedule within
3 which the dispute must be resolved for orderly implementation of this Settlement
4 Agreement.

5 138. The Government Plaintiffs (and any non-moving party participating in
6 the dispute) shall have at least 60 days in which to respond to the City's or Citizen
7 Plaintiff's motion. The City and Citizen Plaintiff may file a reply memorandum to
8 the extent permitted by the Local Rules.

9 139. In any dispute in District Court pursuant to these Paragraphs 137-141,
10 the Court shall first rule on the dispute between the City and the Government
11 Plaintiffs. If the City's position prevails over the Government Plaintiffs' position,
12 the dispute resolution process shall end. If the position of the Government
13 Plaintiffs prevails over the position of the City, the Court shall then consider any
14 remaining dispute between the Government Plaintiffs and any Citizen Plaintiff.

15 140. In any dispute in District Court under these Paragraphs 137-141, the
16 City shall bear the burden of demonstrating by a preponderance of the evidence
17 that the City's position on the issues in dispute should prevail over Government
18 Plaintiffs' position.

19 141. In any dispute in District Court pursuant to these Paragraphs 137-141,
20 a Citizen Plaintiff shall bear the burden of demonstrating that the Government
21 Plaintiffs' position is arbitrary and capricious.

22 142. Effect on Settlement Agreement Obligations. The invocation of
23 dispute resolution procedures under this Section shall not, by itself, extend,
24 postpone, or affect in any way any obligation of the City under this Settlement
25 Agreement, unless and until the final resolution of the dispute so provides.
26 Stipulated Penalties with respect to the disputed matter shall continue to accrue

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1 from the first day of noncompliance, but payment shall be stayed pending
2 resolution of the dispute as provided in Paragraph 124, above. If the City does not
3 prevail on the disputed issue, Stipulated Penalties shall be assessed and paid as
4 provided in Section IX (Stipulated Penalties).

5 XII. CIVIL PENALTY AND SECTION 13385 PAYMENT

6 143. Within 30 days after the Effective Date of this Settlement Agreement,
7 the City shall pay the United States the sum of \$800,000 as a civil penalty.
8 Payment shall be made by FedWire Electronic Funds Transfer ("EFT") to the U.S.
9 Department of Justice in accordance with instructions to be provided to the City
10 by the Financial Litigation Unit of the U.S. Attorney's Office for the Central
11 District of California following lodging of this Settlement Agreement. At the time
12 of payment, the City shall simultaneously send written notice of payment and a
13 copy of any transmittal documentation (which should reference DOJ case number
14 90-5-1-1-809/1 and Central District of California Civil Action No. 01-191-RSWL)
15 to the United States in accordance with Section XVI of this Settlement Agreement
16 (Notices).

17 144. The City shall make a payment to the Regional Board in the amount of
18 \$800,000 in settlement of the Regional Board's claims under California Water
19 Code Section 13385. This payment shall be incorporated into the funding
20 provided for pursuant to Section VIII (Supplemental Environmental Projects).

21 XIII. INFORMATION COLLECTION AND RETENTION

22 145. The Government Plaintiffs and their representatives, including
23 attorneys, contractors, and consultants, shall have the right of entry on City
24 property at all reasonable times, upon presentation of credentials, to:

25 a. monitor the progress of activities required under this Settlement
26 Agreement;

1 XIV. EFFECT OF SETTLEMENT/RESERVATION OF RIGHTS

2 149. This Settlement Agreement resolves the civil claims of the United
3 States, the Regional Board, Baykeeper, and the Intervenor for the violations
4 alleged in the Complaints filed in these consolidated actions through the date of
5 the entry of this Settlement Agreement.

6 150. This Settlement Agreement also resolves the claims of Baykeeper, the
7 Intervenor, and the Regional Board for litigation costs (including attorneys fees)
8 pursuant to CWA Section 505(d), 33 U.S.C. § 1365(d) and Cal. Code Civ. Proc.
9 § 1021.8.

10 151. The Court's management orders, including the Stipulated Case
11 Management Order dated and filed on July 3, 2001, are hereby terminated.

12 152. The United States and the Regional Board reserve all legal and
13 equitable remedies available to enforce the provisions of this Settlement
14 Agreement, except as expressly stated herein. This Settlement Agreement shall
15 not be construed to prevent or limit the rights of the United States or the Regional
16 Board to obtain penalties or injunctive relief under the Act or implementing
17 regulations, or under other federal or state laws, regulations, or permit conditions,
18 except as expressly specified herein.

19 153. This Settlement Agreement is not a permit, or a modification of any
20 permit, under any federal, state, or local laws or regulations. The City is
21 responsible for achieving and maintaining complete compliance with all
22 applicable federal, state, and local laws, regulations, and permits. The United
23 States and the Regional Board do not, by their consent to the entry of this
24 Settlement Agreement, warrant or aver in any manner that the City's compliance
25 with any aspect of this Settlement Agreement will result in compliance with
26 provisions of the CWA or the California Water Code.

1 154. Nothing in this Settlement Agreement shall constitute an admission of
2 any fact or of any liability or a waiver of any right unless explicitly set forth
3 herein. It is the intent of the Parties that all prior Orders of the Court, including
4 stipulations, shall have no collateral estoppel effect, and that this Settlement
5 Agreement shall not preclude the City from raising defenses or arguments in any
6 future civil enforcement action, whether or not such defense or argument was
7 raised in any proceeding in this action. This Settlement Agreement shall be
8 considered continuing "diligent prosecution" of the claims alleged in the
9 Complaints as that term is used in the CWA.

10 155. This Settlement Agreement does not limit or affect the rights of the
11 City or of the Plaintiffs against any third parties not party to this Settlement
12 Agreement, nor does it limit the rights of third parties not party to this Settlement
13 Agreement against the City, except as otherwise provided by law.

14 156. This Settlement Agreement shall not be construed to create rights in,
15 or grant any cause of action to, any third party not party to this Settlement
16 Agreement.

17 157. Nothing in this Settlement Agreement shall limit the City's ability to
18 modify its program for the design, planning, construction, operation, and
19 maintenance of its Wastewater Collection System in any fashion not inconsistent
20 with this Settlement Agreement.

21 XV. COSTS

22 158. The Parties shall bear their own costs of this action, including
23 attorneys fees, except:

24 a. Within 45 days after the Effective Date of this Settlement
25 Agreement, the City shall pay Baykeeper \$1,600,000; the Intervenors \$425,000;
26 and the Regional Board \$71,745; and
27

b. The Government Plaintiffs shall be entitled to collect the costs (including attorneys fees) incurred in any action necessary to collect any portion of the civil penalty required by Section XII, or any Stipulated Penalties due but not paid by the City (for the purposes of this Paragraph, Stipulated Penalties are not "due" until after the conclusion of dispute resolution proceedings regarding the Stipulated Penalties pursuant to Section XI (Dispute Resolution), if any).

159. Payment of fees and costs to Santa Monica Baykeeper shall be by certified or cashier's check, made payable to "Lawyers For Clean Water Attorney Client Trust Account," sent via Federal Express to Layne Friedrich, 1004 O'Reilly Avenue, San Francisco, California 94129.

160. Payment of costs to the Regional Board shall be by certified or cashier's check payable to "Department of Justice," shall be sent to Nancy Sahm, P. O. Box 944255, Sacramento, CA 94244-2550, and shall be identified with the title of this action.

XVI. NOTICES

161. Unless otherwise specified herein, whenever notifications, submissions, or communications are required by this Settlement Agreement they shall be made in writing and addressed as follows:

a. To EPA:

Chief, Clean Water Act Compliance Office (WTR-7)
Water Division
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

b. To the Regional Board:

**Executive Officer
Los Angeles Regional Water Quality Control Board
320 W. 4th Street, Suite 200
Los Angeles, CA 90013**

and

1 Gregory J. Newmark
2 Deputy Attorney General
3 300 South Spring Street, Suite 1100-N
4 Los Angeles, CA 90013

5 c. To the United States:

6 Chief, Clean Water Act Compliance Office (WTR-7)
7 Water Division
8 U.S. Environmental Protection Agency, Region 9
9 75 Hawthorne Street
10 San Francisco, CA 94105

11 and

12 Chief, Environmental Enforcement Section
13 Environment and Natural Resources Division
14 U.S. Department of Justice
15 Box 7611 Ben Franklin Station
16 Washington, D.C. 20044-7611
17 Re: DOJ No. 90-5-1-1-809/1

18 d. To the Government Plaintiffs:

19 To the United States and the Regional Board as indicated in "b" and
20 "c" above.

21 e. To Baykeeper:

22 Santa Monica Baykeeper
23 Executive Director
24 P.O. Box 10096
25 Marina del Rey, CA 90295

26 f. To Intervenors:

27 Kathleen Salvaty
28 Stephen R. English
English, Munger & Rice
1545 Wilshire Boulevard, Suite 800
Los Angeles, California 90017

and

Robert Garcia
Center for Law in the Public Interest
3250 Ocean Park Blvd., Ste. 300
Santa Monica, California 90405

1 g. To the City:

2 Director, Bureau of Sanitation
3 Department of Public Works
4 City of Los Angeles
5 433 S. Spring Street, Suite 400
6 Los Angeles, California 90013

7 General Counsel to the Department of Public Works
8 200 N. Main Street
9 Room 700
10 Los Angeles, California 90012

11 and

12 James J. Dragna, Esq.
13 Bingham McCutchen LLP
14 355 South Grand Avenue, Suite 4400
15 Los Angeles, California 90071

16 162. Any Party may, by written notice to the other Parties, change its
17 designated notice recipient(s) or notice address(es) provided above.

18 163. Notices submitted pursuant to this Section shall be deemed submitted
19 upon mailing, unless otherwise provided in this Settlement Agreement or by
20 mutual agreement of the Parties in writing.

21 **XVII. EFFECTIVE DATE**

22 164. The Effective Date of this Settlement Agreement shall be the date
23 upon which this Settlement Agreement is entered by the Court.

24 **XVIII. RETENTION OF JURISDICTION**

25 165. The Court shall retain jurisdiction over this case until termination of
26 this Settlement Agreement for the purpose of resolving disputes arising under this
27 Settlement Agreement pursuant to Section XI (Dispute Resolution), entering
28 orders modifying this Settlement Agreement pursuant to Section XIX
(Modifications), or effectuating or enforcing compliance with the terms of this
Settlement Agreement.

1 XIX. MODIFICATION

2 166. The terms of this Settlement Agreement may be modified only by a
3 subsequent written agreement signed by all the Parties. Where the modification
4 constitutes a material change to any term of this Settlement Agreement, it shall be
5 effective only upon approval by the Court. Modifications of construction
6 deadlines made pursuant to Subsection V.H of this Settlement Agreement, and
7 modifications to the terms and schedules contained in SEP Work Plans submitted
8 pursuant to Paragraph 90 of this Settlement Agreement, that do not extend the
9 duration of this Settlement Agreement beyond ten years, may be made upon
10 written agreement of the Parties without Court approval.

11 XX. TERMINATION

12 167. This Settlement Agreement shall terminate as set forth below.

13 168. Nine and One-Half Year Report. Six months before the end of Year
14 Ten, the City shall submit a report to EPA that certifies the following ("Nine and
15 One-Half Year Report"):

16 a. How many miles of pipe the City has rehabilitated or replaced
17 pursuant to Subsection V.E (Work: Sewer Rehabilitation and Replacement
18 Projects) as of the date of the Nine and One-Half Year Report, that the City has
19 met its obligations through Year Nine under Subsection V.E, and, if the City has
20 not met its obligations under Subsection V.E, whether and how the City plans to
21 meet them by the end of Year Ten;

22 b. That the City has completed the SEPs pursuant to Section VIII and
23 submitted SEP Completion Reports for each SEP, or whether and how the City
24 plans to complete any uncompleted SEPs and submit the necessary SEP
25 Completion Reports by the end of Year Ten;

26 c. That the City has completed construction of the Sewer Relief
27
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1 Projects required pursuant to Subsection V.D, Paragraphs 18 and 19, and if the
2 City has not completed those projects, whether and how the City plans to complete
3 them by the end of Year Ten;

4 d. That there are no outstanding stipulated penalty assessments
5 pursuant to Section IX or pending dispute resolution proceedings pursuant to
6 Section XI;

7 e. That the City has completed all the Primary and 100 Secondary
8 Basin Plans pursuant to Paragraphs 24 and 25, or, if the City has not completed all
9 the required Basin Plans, whether and how the City plans to complete them before
10 the end of Year Ten.

11 169. Government Plaintiffs shall use best efforts to approve or reject the
12 Nine and One-Half Year Report within 100 days of receipt thereof. If the
13 Government Plaintiffs approve a City certification that an obligation set forth in
14 Subparagraphs (a) through (e) of Paragraph 168 is complete, the City's obligation
15 to perform that obligation under this Settlement Agreement is complete. If
16 Government Plaintiffs reject, in whole or in part, the Nine and One-Half Year
17 Report, they shall specify the grounds upon which the rejection is based. In the
18 event that the Government Plaintiffs reject the Nine and One-Half Year Report,
19 reject one or more certifications within the Report, or do not respond to the Nine
20 and One-Half Year Report within the 100-day period, the City may move the
21 Court for approval of any certification in the Nine and One-Half Year Report that
22 was not approved by the Government Plaintiffs. If the City moves the Court, the
23 standard set forth in Paragraph 140 shall apply.

24 170. No later than July 1 following the end of Year Ten, the City shall
25 submit a report certifying whether it has completed the requirements of the
26 Settlement Agreement applicable to the City in Year Ten ("Year Ten Report").
27
28

1 This report shall address:

2 a. Whether the City has rehabilitated or replaced the miles of pipe
3 required in Year Ten pursuant to the terms of Paragraph 27.

4 b. Whether the City has cleaned the number of Pipe Reaches required
5 in Year Ten pursuant to the terms of Subsection V.A.

6 c. Whether the City has implemented its FOG Program in Year Ten
7 pursuant to the terms of Subsection V.F.

8 d. Whether the City has conducted in Year Ten CCTV inspections on
9 the number of miles of pipe required pursuant to the terms of Subsection V.C.

10 e. Whether all work identified as uncompleted, and all penalties and
11 dispute resolution proceedings identified as unpaid or pending, in the Nine and
12 One-Half Year Report provided for in Paragraph 168 have been completed, paid,
13 or resolved.

14 171. Government Plaintiffs shall use best efforts to approve or reject the
15 Year Ten Report within 60 days of receipt thereof. If the Government Plaintiffs
16 approve a City certification that an obligation set forth in Subparagraphs (a)
17 through (e) of Paragraph 170 is complete, the City's obligation to perform that
18 obligation under this Settlement Agreement is complete. If Government Plaintiffs
19 reject, in whole or in part, the Ten Year Report, they shall specify the grounds
20 upon which the rejection is based. In the event that the Government Plaintiffs
21 reject the Year Ten Report, one or more certifications within the Report, or do not
22 respond to the Year Ten Report within 75 days of its receipt, the City may invoke
23 the Dispute Resolution procedures of Section XI or move the Court for approval
24 of any certification in the Year Ten Report that was not approved by the
25 Government Plaintiffs and for termination of this Settlement Agreement. If
26 Government Plaintiffs approve the Year Ten Report, the Government Plaintiffs

1 and the City, following notice to Baykeeper and Intervenors, shall submit a joint
2 motion terminating the Settlement Agreement.

3 XXI. PUBLIC PARTICIPATION

4 172. This Settlement Agreement shall be lodged with the Court for a period
5 of not less than 30 days for public notice and comment in accordance with 28
6 C.F.R. § 50.7. The United States and the Regional Board reserve the right to
7 withdraw or withhold their consent if comments regarding this Settlement
8 Agreement disclose facts or considerations indicating that this Settlement
9 Agreement is inappropriate, improper, or inadequate. The City consents to entry
10 of this Settlement Agreement without further notice.

11 XXII. SIGNATORIES/SERVICE

12 173. Each undersigned representative of the City, the Regional Board,
13 Baykeeper, the Intervenors, and the Assistant Attorney General for the
14 Environment and Natural Resources Division of the Department of Justice
15 certifies that he or she is fully authorized to enter into the terms and conditions of
16 this Settlement Agreement and to execute and legally bind the Party he or she
17 represents to this document.

18 174. This Settlement Agreement may be signed in counterparts, and its
19 validity shall not be challenged on that basis.

20 175. The City agrees not to oppose entry of this Settlement Agreement by
21 the Court or to challenge any provision of this Settlement Agreement, unless the
22 United States or the Regional Board notifies the City in writing that it no longer
23 supports entry of this Settlement Agreement.

24 XXIII. INTEGRATION

25 176. This Settlement Agreement constitutes the final, complete, and
26 exclusive agreement and understanding among the Parties with respect to the
27

1 settlement embodied in this Settlement Agreement, and this Settlement Agreement
2 supersedes all prior agreements and understandings, whether oral or written,
3 concerning the settlement embodied herein. Other than Deliverables that are
4 subsequently submitted pursuant to this Settlement Agreement, no other document
5 and no other representation, inducement, agreement, understanding, or promise
6 constitutes any part of this Settlement Agreement or the settlement it represents,
7 nor shall they be used in construing the terms of this Settlement Agreement.

8 **XXIV. FINAL JUDGMENT**

9 177. Upon approval and entry of this Settlement Agreement and Final
10 Order by the Court, this Settlement Agreement and Final Order shall constitute a
11 final judgment of the Court as to the Parties.

12
13
14 Dated and entered this _____ day of _____, 2004.

15
16
17
18 _____
19 RONALD S.W. LEW
20 UNITED STATES DISTRICT JUDGE
21 Central District of California
22
23
24
25
26
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28

1 WE HEREBY CONSENT to the entry of this Settlement Agreement, subject to the
2 public notice and comment provisions of 28 C.F.R. § 50.7:

3 **For Plaintiff the United States of America:**
4
5

6 Dated: 7.21.04

7 _____
8 THOMAS L. SANSONETTI
9 Assistant Attorney General
10 Environment & Natural Resources
11 Division
12 U.S. Department of Justice

13 _____
14 DAVID B. GLAZER
15 Environmental Enforcement Section
16 U.S. Department of Justice
17 301 Howard Street, Suite 1050
18 San Francisco, California 94105

19 _____
20 ROBERT R. KLOTZ
21 U.S. Department of Justice
22 P.O. Box 7611
23 Ben Franklin Station
24 Washington, D.C. 20044-7611

25
26 Attorneys for Plaintiff
27 United States of America
28

1 WE HEREBY CONSENT to the entry of this Settlement Agreement, subject to the
2 public notice and comment provisions of 28 C.F.R. § 50.7:

3 **For Plaintiff the United States of America (con't):**
4
5
6

7 Dated: _____

THOMAS V. SKINNER
Acting Assistant Administrator for
Enforcement and Compliance Assurance
U.S. Environmental Protection Agency

1 WE HEREBY CONSENT to the entry of this Settlement Agreement, subject to the
2 public notice and comment provisions of 28 C.F.R. § 50.7:

3 **For Plaintiff the United States of America (con't):**
4

5
6 Dated: 08 July 2004

7
8 WAYNE NASTRI
9 Regional Administrator
10 U.S. Environmental Protection Agency
11 Region 9
12
13
14
15
16
17
18
19
20

21 Of Counsel:
22 HUGH BARROLL
23 Assistant Regional Counsel
24 U.S. Environmental Protection Agency
25 Region 9
26
27
28

1 WE HEREBY CONSENT to the entry of this Settlement Agreement:

2 **For Plaintiff People of the State of California *ex rel.* California Regional**
3 **Water Quality Control Board, Los Angeles Region:**

4
5 BILL LOCKYER
6 Attorney General of the State of California

7
8 Dated: 7/7/2004

9 GREGORY J. NEWMARK
10 MARILYN LEVIN
11 Deputy Attorneys General
12 300 South Spring Street
13 11th Floor, North Tower
14 Los Angeles, California 90013

15 Attorneys for Plaintiff People of the State of
16 California *ex rel.* California Regional Water
17 Quality Control Board, Los Angeles Region

18 Dated: 7/8/2004

19 JONATHAN BISHOP
20 Interim Executive Officer
21 California Regional Water Quality Control
22 Board, Los Angeles Region
23
24
25
26
27
28

1 WE HEREBY CONSENT to the entry of this Settlement Agreement:

2 For Plaintiff Santa Monica Baykeeper:
3

4
5
6 Dated: 7/6/04

7 TRACY EGOSCUE
8 Executive Director
9 Santa Monica Baykeeper
10

11
12 Dated: 6 July 04

13 DANIEL COOPER
14 Lawyers for Clean Water
15 1004 O'Reilly Avenue
16 San Francisco, California 94129

17 DANIELLE FUGERE
18 Environmental Advocates
19 1004 O'Reilly Avenue
20 San Francisco, California 94129

21 Attorneys for Plaintiffs
22 Santa Monica Baykeeper
23
24
25
26
27
28

1 WE HEREBY CONSENT to the entry of this Settlement Agreement:

2 **For Plaintiffs in Intervention Baldwin Hills Estates Homeowners' Association,**
3 **Inc., Baldwin Hills Village Garden Homes Association, United Homeowners**
4 **Association, Village Green Owners Association, and Concerned Citizens of**
5 **South Central Los Angeles (collectively the "Intervenors"):**

6
7
8 Dated: July 7, 2004

~~KATHLEEN SALVATY~~
STEPHEN R. ENGLISH
CONSTANCE L. RICE
English, Munger & Rice
1545 Wilshire Boulevard, Suite 800
Los Angeles, California 90017

14
15 Dated: July 7, 2004

~~ROBERT GARCIA~~
Center for Law in the
Public Interest
3250 Ocean Park Blvd., Ste. 300
Santa Monica, California 90405

20 Attorneys for Intervenors

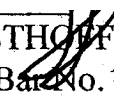
1 WE HEREBY CONSENT to the entry of this Settlement Agreement:

2 For Defendant City of Los Angeles:

3
4
5 
6 ROCKARD J. DELCABELLO
City Attorney (Bar No. 125465)

7
8
9 Dated: 7/06/04

10 CECILIA V. ESTOLANO
Assistant City Attorney (Bar No. 198038)

11
12
13 
14 CHRISTOPHER M. WESTHOFF
Assistant City Attorney (Bar No. 63176)
15 Los Angeles City Attorney's Office
16 800 City Hall East
17 200 N. Spring Street
Los Angeles, California 90012

18
19 JAMES J. DRAGNA (Bar No. 91492)
20 NANCY SAUNDERS (Bar No. 111837)
21 BRYAN BROWN (Bar No. 192924)
22 Bingham McCutchen LLP
Suite 4400
23 355 South Grand Avenue
24 Los Angeles, California 90071

25 Attorneys for Defendant, City of Los Angeles
26
27
28

APPENDIX "A"
SEWER RELIEF PROJECTS FOR THE FIRST THREE YEARS OF AGREEMENT

Project Title	Project Description	Settlement Agreement Construction End Date
ECIS [EAST CENTRAL INTERCEPTOR SEWER]	This relief sewer extends approximately 11 miles from the Baldwin Hills in Culver City along La Cienega Blvd, and east along Exposition Blvd, to the east side of the Los Angeles River near Mission Road.	08/27/04
NEIS PH 1 [NORTH EAST INTERCEPTOR SEWER, PHASE 1]	This relief sewer extends approximately 5 miles from the intersection of San Fernando Road and Eagle Rock Boulevard to the intersection of Mission Road and Jesse Street.	10/30/05
AVE 45 ARROYO DR RLF SWR [AVE 45 ARROYO DRIVE RELIEF SEWER]	This project will relieve the overloaded primary wastewater collection system in the Eagle Rock and Highland Park areas. A 12,500 linear foot 12- to 36- inch diameter relief sewer will be constructed. The preliminary project alignment will be along the Pasadena Freeway from Figueroa Street, and Avenue 45 to Arroyo Glen Street and Avenue 63, and in Avenue 50 to Echo Street.	10/06/06
EAGLE ROCK INTER SWR [EAGLE ROCK INTERCEPTOR SEWER]	This project will provide relief for the Eagle Rock area. The project boundaries are: along Eagle Rock Boulevard and Verdugo Road from York Boulevard to the future NEIS; Lincoln Avenue and York Boulevard from Avenue 50 to Eagle Rock Boulevard; and from Fair Park Avenue to York Boulevard.	10/30/06
BAYWOOD BNDCT ESMT SWR [BAYWOOD BENEDICT EASEMENT SEWER]	This project will eliminate the Baywood Court Pumping Plant which includes the demolition of the existing plant and the construction of a gravity sewer to redirect the flows.	10/31/06
FLOWER WASHINGTON PICO SWR [FLOWER SEWER, WASHINGTON TO PICO]	This project will replace an existing 8-inch sewer located along Flower Street beneath the Long Beach/Los Angeles Light Rail concrete track slab. This sewer extends from about 150 feet south of Pico Boulevard to Washington Boulevard.	10/31/06
BUCKINGHAM DIVR SWR [BUCKINGHAM ROAD DIVERSION SEWER]	This project will install the Buckingham sewer, approximately 3,500 feet in length along Buckingham Road from Martin Luther King to Exposition Blvd, and diversion structure, as well as the demolition of the Buckingham Pumping Plant #603 in conjunction with the ECIS project.	11/11/06
SEPULVEDA VAL MEADOW RLF SWR [SEPULVEDA SHERMAN OAKS / VALLEY MEADOW RELIEF SEWER]	This project will provide approximately 4,955 feet of relief sewer in Sepulveda Boulevard from Valley Meadow Road to Flume Walk.	12/30/06

1	NOS DIV HUMBOLDT AV 18 & SFR	This project will design and construct a diversion structure at	12/31/06
2	[NOS DIVERSION AT	NOS to be located at the intersection of Avenue 18 &	
3	HUMBOLDT STREET	Humboldt Street. Design and construct a junction structure	
4	BETWEEN AVE 18 & SAN	under Humboldt Street close to San Fernando Road,	
5	FERNANDO ROAD]	connecting to Humboldt Junction Drop Structure Number 2,	
6		part of NEIS. Design and construct a 725 feet long, more	
7		than 50 feet deep, 48-inch diameter sewer between the new	
8		diversion structure and junction structure.	
9	SLAUSON/VAN NESS/COS	Design and construct a permanent bypass from the existing	12/31/06
10	EXTERNAL BYPASS	42" diameter brick sewer along the north side of Slauson	
11		Avenue and the existing 39" diameter brick sewer along the	
12		south side of Slauson Avenue to the Central Outfall Sewer	
13		(COS) in Van Ness Avenue.	

Appendix "B"
**SEWER REHABILITATION AND REPLACEMENT PROJECTS FOR THE FIRST
THREE YEARS OF AGREEMENT**

Project Title	Project Description	Settlement Agreement Construction End Date
EQ RPR SWRS U298	This Northridge Earthquake sewer repair project is located near Parthenia St. & Farralone Ave. Project length: approximately 4,876 feet.	12/14/04
EQ RPR SWRS U277	This Northridge Earthquake sewer repair project is bounded by N/O 101 Freeway, W/O 170 Freeway. Project length: approximately 12,988 feet.	01/13/05
EQ RPR SWRS U269	This Northridge Earthquake sewer repair project is bounded by N/O Riverside, S/O Chandler, W/O Tujunga. Project length: approximately 15,520 feet.	01/13/05
EQ RPR SWRS U290	This Northridge Earthquake sewer repair project is bounded by N/O Plummer, S/O Devonshire, E/O Topanga. Project length: approximately 5,759 feet.	02/11/05
EQ RPR SWRS U289	This Northridge Earthquake sewer repair project is bounded by N/O Plummer, S/O 118 Freeway, E/O Topanga Canyon. Project length: approximately 4,796 feet.	02/11/05
SAN PEDRO AREA SWR REHAB	This project will rehabilitate approximately 15,000 linear feet of aging and structurally deteriorated sewers. The diameter of the sewers ranges from 6"-8". They are approximately 74 years old. The majority of the sewer reaches, to be rehabilitated as part of this project, are located between 22nd Street to the north, 30th Street to the south Alma Street to the west and Denison Ave. to the east. These reaches are located in sewer (S) map quadrants 625-07 and 625-08.	02/28/05
EQ RPR SWRS U346	This Northridge Earthquake sewer repair project is within S- map# 536-6, S-map #536-2. Project length: approximately 8,701 feet.	03/16/05
EQ RPR SWRS U344	This Northridge Earthquake sewer repair project is located in the Mid-City area. Project length: approximately 6,872 feet.	03/16/05
EQ RPR SWRS U373	This Northridge Earthquake sewer repair project is located at Culver Bl, Grandview Bl, Inglewood Bl, Allin St, Beethoven St, Bray St, Marshall St, Moore St, Verdi St, and Wagner St. Project length: approximately 7,210 feet.	04/15/05
EQ RPR SWRS U369	This Northridge Earthquake sewer repair project is located at Sepulveda Bl, Allin St, Bray St, Farias St, Lindblade St, Marshall St, and Sanford St. Project length: approximately 7,404 feet.	04/15/05
EQ RPR SWRS U327	This Northridge Earthquake sewer repair project contains work in the following streets: Casiano Rd, Hammer Dr., Roscomare Rd., Alana, Bayberry, Dartford, Meadow Crest, Tobin, Valley Falls Rd., Wood Rd., Dorilee Lane, Fond, Jeanne Ln, Red Rose, Sandy, Sepulveda Blvd., Steven Dr., High Valley Rd., High Knoll Rd., Valley Meadow Rd., Royal Crest Pl., Royal Mount Dr., Valley Vista Blvd., Castlewoods Dr., Crownridge Dr., Royal Woods, Regalwoods Pl., Aqueduct Av., Camarillo St., Huston St., La Maida St., Moorpark St., Morrison St., Woodley Ave., Densmore St., Gloria Ave., Haskell Ave., Ventura Bl. Project length: approximately 11,851 feet.	05/16/05

Project Title	Project Description	Settlement Agreement Construction End Date
EQ RPR SWRS U317	This Northridge Earthquake project contains repair of the sewer in the following streets: Katherine Ave., Vanowen St., Lemay St., Lennox Ave., Tyrone Ave., Costello Ave., Hamlin St., Gilmore St., Ranchito Ave., Kittridge Ave., Cantaloupe Ave., Colbath Ave., Murietta Av., Matilija Ave, Victory Bl., Mammoth Ave., Haynes St. Project length: approximately 7,116 feet.	05/16/05
SOUTH LA CSRP U - 6	This project will replace the non-reinforced concrete sewers and rehabilitate approximately 7,000 ft of the concrete sewers within South Central Area S-Map 566-2.	07/30/05
SOUTH LA CSRP U - 5	This project will rehabilitate approximately 7,500 ft. of the cement sewers in the area covered by South Central Area S-Map 565, Quadrants 3,4, and 8. This project will replace existing cement sewers that are in poor condition.	07/30/05
SOUTH LA CSRP U - 3	This project will rehabilitate approximately 10,500 ft of the cement sewers in the areas covered by South Central Area S-Map 558, Quadrant 11. This project will replace existing cement sewers that are in poor condition.	07/30/05
WILSHIRE AREA NE SWR REHAB	This project will rehabilitate approximately 1,767 linear feet of sewers in the northeast (NE) Wilshire area. The sewer reaches to be rehabilitated are located in Wilton Place, 6th Street, Catalina Street, and Norton Avenue.	08/30/05
MT WASHINGTON AREA SWR REHAB	This project will rehabilitate or replace about 784 ft. of vitrified clay pipe in the Mt. Washington area. The project is located in Shanley Avenue between Monte Vista Street and Malta Street and in a sewer easement north of Shanley Avenue between Monte Vista Street and Lynne Street.	09/30/05
S BOYLE AREA SWR REHAB	This project will remove and replace and rehabilitate approximately 4,056 feet of sewers in Mission Road between 6th Street and Cesar Chavez and in a sewer easement beginning at 6th and Mission and extending through various streets and sewer easements to the east and northeast to approximately 4th and Louis Street.	12/08/05
HOLLYWOOD AREA PRIM SWR REHAB [HOLLYWOOD AREA PRIMARY SWR REHAB]	This project will rehabilitate or replace approximately 7,870 feet of the cement sewers in the Hollywood area. The sewers to be repaired are located in Genesse Ave, Olympic Blvd, Packard St, and Crescent Heights Blvd.	12/30/05
4TH SHATTO VERMONT SWR REHAB	This project will rehabilitate approximately 500 feet of 18-inch sewers located in 4th Street east of Vermont Avenue.	12/30/05
EQ RPR SWRS U274	This Northridge Earthquake sewer repair project is bounded by N/O Sherman Way, S/O Keswick, E/O Laurel. Project length: approximately 6,645 feet.	03/16/06
EQ RPR SWRS U340	This Northridge Earthquake sewer repair project contains various works within S-map # 494-13. Project length: approximately 6,045 feet.	04/15/06
EQ RPR SWRS U283	This Northridge Earthquake sewer repair project is bounded by portions of the Hollywood & Eagle Rock Areas. Project length: approximately 9,279 feet.	04/15/06

Project Title	Project Description	Settlement Agreement Construction End Date
HARBOR AREA CSRP U- 6	This project will rehabilitate about 14,000 to 17,000 feet of the cement sewers in the Harbor Area bounded by 14th St. on the north, 22nd St. on the south, Averill on the west and Gaffey St. on the east.	05/30/06
NICHOLS CYN ESMT SWR REPLC [NICHOLS CANYON ESMT SWR REPLC]	This project will relocate an existing 8-inch diameter sewer from an easement to the public right-of-way. The project will involve the construction of approximately 2,600 feet of 8-inch diameter sewer.	05/31/06
EQ SWR RPR U300	This Northridge Earthquake sewer repair project is bounded by N/O Archwood, W/O Woodlake, E/O Valley Circle. Project length: approximately 5,696 feet.	07/15/06
EQ RPR SWRS U299	This Northridge Earthquake sewer repair project is near Farralone Ave. & Topanga Canyon Blvd. Project length: approximately 9,886 feet.	07/15/06
LAS PULGAS CANYON SWR REPLC	This project will provide a new replacement sewer system for the Pulga Canyon service area. It will provide approximately 2,700 feet of replacement sewers.	07/30/06
HOLLYWOOD AREA CSRP U- 2	This project will rehabilitate 20,880 feet of 8- to 15-inch cement sewers in the area bounded by Santa Monica Boulevard on the north, Mansfield Avenue on the east, Wilshire Boulevard on the South and Oakhurst Drive on the west.	07/30/06
EQ RPR SWRS U295	This Northridge Earthquake sewer repair project is in the area of Natic Ave, Kester Ave, Sylmar Ave, Vanyus Bl, Vincennes St, Cedros Ave, Tupper St, Lemona Ave, Terra Bella St, Willis Ave, Wakefield Ave, and Calahan St. Project length: approximately 11,836 feet.	09/15/06
EQ RPR SWRS U292	This Northridge Earthquake sewer repair project includes work in Branford St, Chase St, Crowley St, Debell St, Kagel Canyon St, Laurel Canyon Bl, Montague St, Osborne St, Reliance St, Tanopah St, Tonopah St, Wentworth St, and Wingo St. Project length: approximately 4,190 feet.	09/15/06
EQ RPR SWRS U291	This Northridge Earthquake sewer repair project includes work in Glenoaks Bl, Sunland Bl, Dora St, Fleetwood St, Goss St, Luddington St, Pendleton St, Penrose St, Peoria St, Randall St, Sheldon St, Thelma St, Tuxford St, Vinedale St, and Wicks St. Project length: approximately 2,661 feet.	09/15/06
EQ RPR SWRS U354	This Northridge Earthquake sewer repair project is located at Bestor Bl, Chautauqua Bl, Sunset Bl, Akron St, Baylor St, Carey St, Embury St, Friends St, Galloway St, Goucher St, Hartzell St, Ida St, Iliff St, Kagawa St, Monument St, San Lorenzo St. Project length: approximately 6,781 feet.	10/14/06
EQ RPR SWRS U339	This Northridge Earthquake sewer repair project contain various work in the areas within S-Map #516-10, 516-02, 516-01, 516-09, 516-06. Project length: approximately 4,266 feet.	11/15/06
EQ RPR SWRS U338	This Northridge Earthquake sewer repair contains work in the 5th St., Figueroa St., Lucas, Maryland & Miramar St. area bounded by N/O Magnolia, S/O Oxnard, E/O Lankershim. Project length: approximately 3,748 feet.	11/15/06
EQ RPR SWRS U320	The Northridge Earthquake sewer repair project is located within S-map # 428-07. Project length: approximately 7,020 feet.	12/15/06

Project Title	Project Description	Settlement Agreement Construction End Date
EQ RPR SWRS U316	The Northridge Earthquake sewer repair project is located within S-map # 428-16, S-map # 422-04, Smap # 427-13. Project length: approximately 6,609 feet.	12/15/06
WASHINGTON FLOWER GRAND SWR REPLC [WASHINGTON BL / FLOWER to GRAND]	This project will provide for the replacement of 10- to 24-inch diameter sewers located between Flower Street and Grand Avenue beneath the Long Beach/Los Angeles Light Rail line in Washington Boulevard.	12/30/06
CENTRAL AREA CSRP U-5	Revised scope of project to include replacement of 181 LF of 8-inch concrete sewer and 780 LF of 15-inch concrete sewer work remaining of project 52nd St.-6th AVE SEWER REPLACEMENT, W.O. E2001665 which will be deleted from the WCIP due to the fact that U279 repaired 75% of the sewer reaches of this project. Furthermore U279 also replaced approximately 67% of this project, therefore Central Area CSRP U5 will be replacing approximately 1,900 ft. of sewer.	12/30/06
CENTRAL AREA CSRP U-3 & U-4	This project will replace approximately 5,793 feet of the cement sewers with vitrified clay pipe in 69th, 70th, and 71st streets from 330 feet east of Normandie Avenue to Halldale Avenue, and Florence Avenue from Normandie Avenue to west of Denver Avenue.	12/30/06
12TH HILL SWR REHAB [12 TH / HILL SWR REHAB]	This project will rehabilitate approximately 3,700 linear feet of sewers ranging from 27 to 50 inches in diameter in the area of 12th Street, 18th Street, Hill Street, and Grand Avenue.	12/30/06
SAN FERNANDO PSDNA SWR REHAB [SAN FERNANDO PASADENA SWR REHAB]	This project will replace about 1,680 feet of 16-inch sewer pipe in the area bounded by the intersection of San Fernando Road and Pasadena Avenue to the intersection of Pasadena Avenue and Avenue 33.	12/31/06
EQ RPR SWRS U294	This Northridge Earthquake sewer repair project within S-map # 389-03, 04. Project length: approximately 6,238 feet.	01/13/07
EQ RPR SWRS U293	This Northridge Earthquake sewer repair project is near Mayall St, Stare St, Vintage St & Aqueduct Ave. Project length: approximately 6,885 feet.	01/16/07
EQ RPR SWRS U319	This Northridge Earthquake project contains repair of the sewer in the following streets: Sylvan St., Tiara St., Murietta Ave, Costello St., Califa St., Ranchito Ave, Erwin St, Delano St., Calvert St., Bessemer St., Matilija Ave., Atoll Ave, Hillview Park Ave., Oxnard St., Varna St., Ventura Canyon Ave. & Buffalo Ave. Project length: approximately 4,055 feet.	02/15/07
EQ RPR SWRS U318	This Northridge Earthquake sewer repair is located near Welby Way, Archwood St., Van Nood Ave. & Hamlin St. Project length: approximately 6,560 feet.	02/15/07
HARBOR AREA CSRP U- 3	This project will repair 8,070 feet of 8" to 18" cement sewers within the Harbor area bounded by Youth St. on the north, "B" St. on the south, Figueroa on the west and Wilmington Blvd. on the east.	03/03/07
EQ RPR SWRS U342	This Northridge Earthquake sewer repair project is located near 6th St., Ceres Ave, Industrial St., Gladys Ave, Factory Pl, Stanford Ave. Project length: approximately 2,971 feet.	03/15/07

Project Title	Project Description	Settlement Agreement Construction End Date
EQ RPR SWRS U341	This Northridge Earthquake sewer repair project is located near Barlett St., Glendale Ave., Diamond St. and Kellam Ave. Project length: approximately 3,833 feet.	03/15/07
FLINT AVE G ST SWR REPLC [FLINT AVE & G ST SWR REHAB]	This project will replace about 2,700 linear feet of 8, 10 and 14-inch vitrified clay pipe located in Flint Avenue south of G Street.	03/24/07
EQ RPR SWRS U304	This Northridge Earthquake sewer repair project is located near Cedros Ave, Lanark St., Brimfield Ave, Strathern St. and Blythe ave. Project length: approximately 5,322 feet.	04/14/07
EQ RPR SWRS U296	This Northridge Earthquake sewer repair includes Tobias Ave, Lemoma Ave, Broadmoor St., Katherine Ave, Wakefield Ave, Parthenia St Alley, Tyrone Ave, Chase St R/W, Parthenia St. and Willis Ave. Project length: approximately 7,614 feet.	04/14/07
HOOVER ST SWR REHAB [HOOVER STREET SWR REHAB]	This project will rehabilitate 1,522 linear feet of 24- inch diameter sewers on Hoover Street between 28 th and 25 th Street.	05/02/07
LINCOLN 83RD SWR REPLC [LINCOLN BLVD N/O 83 rd]	This project will replace 2,600 linear feet of 10-inch sewers in Lincoln Boulevard between the North Outfall Sewer and the alley north of Manchester Boulevard.	06/30/07
HARBOR AREA CSRP U- 5 & WILM U-20	This project will rehabilitate or replace about 13,000 feet of 8-inch concrete sewer in the San Pedro and Wilmington area. The project is located in the region bounded by the intersection of 7th and Alma to the intersection of Dodson and Park Dr. and Anaheim Street and Cristobal to the intersection of Coil Avenue and Colon Street. The existing sewer is dilapidated with fractures, loose pipe joints and corrosion.	06/30/07

ABBREVIATIONS:

CSRP - Cement Sewer Renewal Program

EQ RPR SWRS - Earthquake Repair Sewers

SWR REHAB - Sewer Rehabilitation

SWR REPLC - Sewer Replacement

Appendix "C"
DESCRIPTION OF SEPs

Projects	Description & Scope	Suggested Commitment
1st Tier SEPS		
North Atwater Creek Restoration & Water Quality Enhancement Project (in Council District ("CD") 4 and Adjacent to CD 13)	This project will construct water quality physical and structural improvements to an area along the Los Angeles ("LA") LA River in the vicinity of the North Atwater Park. The project will restore wetlands for storm water runoff capture and treatment and provide habitat linkage to the Los Angeles River. This will begin a restoration and revitalization of the LA River and its vicinity where wetlands existed along the riverbanks. This will be the lead project and corner stone for the City's proposed Los Angeles River Revitalization Plan. The project will reconstruct an area along the LA River in the North Atwater community and restore wetlands to treat runoff from the North Atwater Creek storm drain. In addition, runoff Best Management Practices will be implemented to minimize waste from horses using the LA riverbank from entering the LA River. This project will directly benefit the North Atwater neighborhood and the East and Northeast LA communities, which are low income and minority areas.	\$2,000,000
South Los Angeles Storm Water Treatment Project at 54th and Avalon St. (CD 9)	The project will construct an advanced system for capture and treatment of polluted urban runoff in an inner City area. The project is a major element of the South LA Wetland project, a project in which an MTA maintenance facility is being converted to a multi-benefit community resource with a water quality treatment element, a constructed wetland, and a community and educational center. The 54 th and Avalon St. project will clean up the runoff from local storm drains that would be intercepted and brought into the storm water facility for treatment. The project is in the South Los Angeles community, which is a lower income and minority area. The project area would enhance clean runoff and reduce pollution.	\$2,000,000
Hazard Creek and Wetlands Restoration Project (CD 14)	This project will restore and enhance approximately a one-half mile reach of the historic Hazard Creek corridor and 2.5 acres of wetlands habitat in the Lincoln Heights area of the City. The project will restore the creekbed, which was converted into a railroad track, preserve and refurbish 0.5 acres of wetlands that still exist, and restore 2.0 acres of wetland that used to exist. The project will entail the removal of the railroad track and bed, slope re-grading, non-native plant removal, and native plant restoration in the park and wetlands. This project will provide wetlands that will clean up the water in the creekbed with the wetlands, which will help clean up the area's urban runoff. The Lincoln Heights area of the City that will directly benefit from the re-creation of the creek and wetland is a low-income and minority area.	\$750,000

1 2 3 4 5 6 7 8	Inner Cabrillo Beach Pollution Control and Water Circulation Enhancement Project (CD 15)	This project will address the high bacteria levels at Inner Cabrillo Beach. The Beach has high bacteria counts, particularly near the south end of the inner beach, which is a popular beach area used by many low income and minority community members. This project will construct physical and structural recirculation enhancements to improve the water quality in the beach. This project will build on the findings of the study conducted as part of the Clean Beaches Initiative and the RWQCB's TMDL linkage analysis to determine the sources of the bacteria, and effective solutions to solve the pollution problem. The project will reduce the high bacteria levels affecting the beach, thus improving water quality, enhancing the beneficial use of the beach, and protecting the public health and safety as the public uses the beach. Many of the beachgoers on this beach come from nearby neighborhoods that have low income and minority residents.	\$1,000,000
9 10 11 12 13 14	Downtown Los Angeles Storm Drain Low-Flow Diversion Project (CD 9 & CD 14)	This project will construct a single storm drain low-flow diversion structure to divert the low-flow from a high priority (highly polluted) storm drain discharging into the LA River in the Downtown Los Angeles area. The runoff will be diverted into the sewer system for treatment at the Hyperion Treatment Plant. This will help reduce pollution entering the LA River in a fashion similar to the coastal projects implemented by the City along the beaches of Santa Monica Bay. This will help clean up the runoff into the Los Angeles River, thus improving the water quality. This project will be built in an area of low income and minority residences, which will directly benefit from the project.	\$1,000,000
15	2nd Tier SEPS		
16 17 18 19 20 21 22 23 24	Restoration of LA River Wetlands at the Headworks Spreading Ground Project (CD 4)	Convert part (15 acres) of the Headworks Spreading Grounds into treatment wetlands that would remove trash from the LA River, and treat the urban runoff from the Forest Lawn/Griffith Park part of the LA River watershed. The project would feature a rubber dam in the LA River to divert the flow, with a trash removal system both in the river behind the dam and where the river water enters the wetlands. Future additional projects funded in partnership with the City Department of Water and Power will add other features to the site, including up to another 10 acres of wetlands. The diversion of LA River water for treatment in the restored wetlands will improve the quality of the LA River water and reduce pollutants in the water and enhance the overall water quality. This project will benefit users in the Griffith Park, which is used by nearby low income and minority neighborhoods in East and South Los Angeles. Also, the wetlands will be used as an educational extension to schools in these same areas.	\$3,000,000

Additional Downtown Los Angeles Storm Drain Low-Flow Diversion Project(s) (CD 9 & CD 14)	This project will construct additional storm drain low-flow diversion structures to divert the low-flow from one or two high priority (highly polluted) storm drains discharging into the LA River in the Downtown Los Angeles area. The runoff will be diverted into the sewer system for treatment at the Hyperion Treatment Plant. This will help reduce pollution entering the LA River in a fashion similar to the coastal projects implemented by the City along the beaches of Santa Monica Bay. This will help clean up the runoff into the Los Angeles River, thus improving the water quality. These projects will be built in an area of low income and minority residences, which will directly benefit from the project.	\$1,000,000 per diversion with a maximum of \$2,000,000
Legion Lane Park LA River Revitalization, Habitat Restoration & Water Quality Enhancement Project (CD 13)	The project is an LA River revitalization project that will help in the restoration of 1,000 feet of riverbank along the LA River and its adjacent areas. The project will acquire a vacant parcel around 28,000 square feet in size at 3781 Legion Lane on the east bank of the Los Angeles River north of Glendale Boulevard near Sunnynook Drive. After acquisition of the property, the property will be restored through "daylighting" an existing storm drain and the construction of grassy swales for runoff treatment before the runoff enters the unlined section of the LA River. Native plants and restoration of the lot will provide habitat restoration and an extension and connection to the rich habitat in the unlined section of the river. The park will not only provide water quality and habitat restoration but will provide access to the public to visit and interact with the unlined section of the river. This will increase awareness of the river as a valuable resource to our community and the need to protect and restore it.	\$1,500,000
Sycamore Grove Streambed Daylighting Project (in CD 1 and adjacent to CD 14)	This project will establish a 600-foot long streambed that courses through Sycamore Grove Park in the Highland Park area of the City, and is adjacent to the Glassell Park and Cypress communities as well. This project will create a diversion structure and take water from a buried storm drain directly beneath this park. The riparian habitat that will be re-created will provide for urban runoff treatment, supplemented by a runoff treatment facility to remove selected pollutants of concern such as trash along with oil and grease. The project will clean up the urban runoff from a 2 square-mile area of the City, thus improving runoff water quality. This project will benefit the communities of Glassell Park and Cypress, which are low income and minority neighborhoods.	\$1,000,000